

Property of _____

Class of March 19, 2001 - May 18, 2006

17026 - 19523

Vol. VII



56-907
Made in USA

March 19, 2001. Alabama: Winston County. Along Sipsey Fork just north of highway bridge. ca. 5.6 Km west of highway 33. T8S, R8W, S5. Lat. $34^{\circ}18'N$ Long. $87^{\circ}25'W$.
Sandstone bluffs along stream.
w/ bryology class

2 ✓
17026. Aulacomnium heterostichum (Hedw.) B.S.G.
On soil over sandstone boulders. Aulacomniaceae

1 ✓
17027. Pellia epiphylla (L.) Lindb. Pelliaceae
On soil over sandstone.

2 ✓
17028. Tubula pennsylvanica (Steph.) Evans
On wet sandstone. Tubulaceae

1 ✓
17029. Leucolejeunea clypeata (Schwein.) Evans Lejeuneaceae

1 ✓
17030. Saxifraga virginensis Michx.
On soil along trail. Saxifragaceae

1 ✓
17031. Pleopeltis polypodioides (L.) E.G. Andrews & Windham
On tree branches. Polypodiaceae

2 ✓
17032. Carex
On soil along trail. Cyperaceae

2 ✓
17033. Xanthorhiza simplicissima Marsh.
On soil along trail near stream. Ranunculaceae

3✓
17034. Magnolia virginiana L.
In woods along trail. Magnoliaceae

2✓
17035. Polystichum acrostichoides (Michx.) Schott.
On soil over sandstone.

✓
17035a. Trichomanes boschianum Sturm crevice of sandstone

✓
17036. Trillium cuneatum Raf.
Along trail. Trilliaceae

2✓
17037. Anemone acutiloba (de Candolle) G. Lawson
Along trail. Ranunculaceae

2✓
17038. Carex debilis Michx. var. debilis
Along trail. Cyperaceae

2✓
17039. Asplenium montanum Willd. ~~As~~
On soil of crevices of sandstone bluffs. Aspleniaceae

April 8, 2001. Kansas: Crawford County. Wilderness Park.
about 0.8 km west of 69 Bus., south of McKay St.
Sec 7, T30S, R25E 37°27'11"N, 94°42'38"W
Elev. ca. 915 ft. w/Corrie Parrish

1✓
17040. Boechera missouriensis (Greene) Al-Shenhbaz
Along Casalletto Trail. Brassicaceae

- ✓
17041. Corydalis micrantha (Engelm.) Gray
In woods along Casselto Trail. Fumariaceae
- ✓
17042. Phlox divaricata L. subsp. laphamii (A.W. Wood) Wherry
Open woods along Casselto Trail. Polemoniaceae
- ✓
17043. Buglossoides arvensis (L.) I.M. Johnston.
disturbed ground Boraginaceae
- ✓
17044. Lepidium campestre (L.) R. Br.
disturbed ground Brassicaceae
- ✓
17045. Quercus palustris Muenchh.
bottomland forest Fagaceae
- ✓
17046. Viola sagittata Ait.
Along trails. Violaceae
- ✓
17047. Cardamine pennsylvanica Muhl. ex Willd.
disturbed areas Brassicaceae
- ✓
17048. Lindera benzoin (L.) Blume
Scattered throughout Lauraceae
- ✓
17049. Claytonia virginica L.
Disturbed areas. Portulacaceae

✓
17050. Veronica polita Fries
Disturbed areas in park.

Scrophulariaceae

✓
17051. Viola sororia Willd.

Violaceae

✓
17052. Ribes missouriense Nutt.

Grossulariaceae

✓
17053. Stellaria media (L.) Vill.

Caryophyllaceae

✓
17054. Lamium purpureum L.
Parking area.

Lamiaceae

✓
17055. Ranunculus micranthus Nutt.
Parking area.

Ranunculaceae

✓
17056. Viola sororia Willd. var. sororia
Along Caselletto Trail.

Violaceae

✓
17057. Corydalis flavula (Raf.) DC.

Fumariaceae

✓
17058. Forsythia x intermedia Zabel

1 ✓
17059. Ulmus americana L.

Ulmaceae

1
17060. Ulmus rubra Muhl.

Ulmaceae

1 ✓
17061. Cercis canadensis L.

Cesalpiniaceae

2 ✓
17062. Viola sororia Willd. var. sororia
Along

Violaceae

2 ✓
17063. Taraxacum officinale F.H. Wigg.

Asteraceae

3 ✓
17064. Prunus mexicana S. Wats.
Woods along Caselletto Trail

Rosaceae

1 ✓
17065. Capsella bursa-pastoris (L.) Medik.
Parking area.

Brassicaceae

1 ✓
17066. Capsella bursa-pastoris (L.) Medik.
Parking area.

Brassicaceae

2
17067. Cardamine pennsylvanica Muhl. ex Willd.
Parking area.

Brassicaceae

✓ 17068. Lamium amplexicaule L.

Parking area.

Lamiaceae

✓ 17069. Lepidium virginicum L.

Parking area.

Brassicaceae

April 12, 2001. Kansas: Crawford County. Campus of Pittsburg State University. North side of student union.

S32 T30S R2SE LAT 37°23'10"N, LONG. 94°42'11"W

Elev. 277m.

✓ 17070. Magnolia stellata Maxim.

Magnoliaceae

April 13, 2001. Missouri: Newton Co. Wildcat Glade s. of I44 and west of 86, S27 T27N R33W.

LAT 37°01'10"N, LONG 94°31'30"W. Elev. 280 m

w/ Lorrie Parrish Murphy Blvd. / Castle Dr.

✓ 17071. Collinsia violacea Nutt.

Edge of parking lot.

Scrophulariaceae

✓ 17072. Selenia aurea Nutt.

On soil over chert.

Brassicaceae

April 13, 2001. Missouri. Jasper County, Missouri
 Department of Conservation Carl Junction Access.
 S7 T28N R33W 36°09'00"N, LONG 94°34'03"W
 Elev. 258M. w/ Lorrie Parrish

✓
 17073. Staphylea trifolia L.

Staphyleaceae

✓
 17074. Cardamine concatenata (Michx.) O. Schwarz
 Rocky north-facing, wooded slope. Brassicaceae

April 14, 2001. Missouri: Barry County. On west side of
 Highway 112 ca. 1.8 km south of Roaring River State
 Park. S34 T22N R27W 36°34'N, LONG 93°50'W
 Elev. 346M. w/ Lorrie and Becky Parrish

✓
 17075. Uvularia grandiflora Sm.

North-facing slope of rocky open woods. Liliaceae

3 ✓
 17076. Carya ovata (Mill.) K. Koch
 In woods at edge of road.

Juglandaceae

✓
 17077. Lilia americana L.

Edge of Forest Service Road at highway. Liliaceae

April 14, 2001. Missouri: Barry County. Roaring River
State Park. South of Cassville on 112.
S27 T22N R27W LAT 36° 35' N, LONG 93° 50' W
Elev. 337m w/ Lorrie & Becky Parrish

¹ 17078. Asarum

Rocky, wooded south slope.

¹ 17079. Viburnum

Rocky, wooded south slope.

² 17080. Senecio

Rocky, wooded south slope.

³ 17081. Delphinium

² 17082. A

Rocky, wooded south slope.

Hippocastanaceae

¹ 17083. Viburnum

Rocky, wooded south slope.

Caprifoliaceae

¹ 17084. Polemonium

Base of rocky, wooded slope.

Polemoniaceae

¹ 17085. Collinsia

Base of rocky, wooded slope.

Scrophulariaceae

17086. Ranunculus

Ranunculaceae

Rocky roadside about 1.0 km south of Roaring River State Park on west side of Highway 112.

17087. Antennaria

Asteraceae

Rocky roadside about 1.0 km south of Roaring River State Park on west side of Highway 112.

17088. Astragalus

Fabaceae

Rocky roadside along highway 112 just east of Nature Center.

17089.

Moist rocky woods south of highway 112 east of Nature Center.

17090. Celtis

Rocky woods south of highway 112 east of Nature Center. Ulmaceae

17091. Ulmus

Rocky woods south of highway 112 east of Nature Center. Ulmaceae

17092.

Along trail near Horse Stables east of Nature Center. Brassicaceae

²
17093. Brassicaceae
Along trail near horse stables east of Nature Center.

²
17094. Brassicaceae
Along trail near horse stables east of Nature Center.

¹
17095. Brassicaceae
Along trail near horse stables east of Nature Center.

¹
17096. Glandularia canadensis
Rocky roadside east of Nature Center. Verbenaceae

¹
17097. Viola
Old road north of Fish hatchery. Violaceae.

¹
17098. Vicia
Old road north of fish hatchery. Fabaceae

April 22, 2001. Kansas: Crawford County. Wilderness Park.
Ca. 0.6 km west of highway U.S. 69. T30S, R25E, S7
Long. 94°42'W; Lat. 37°27'N. Elev. 279m
w/ Lorrie Parrish

¹
17099. Sisyrinchium campestre E. Bickn.
prairie. Iridaceae

17100. Potentilla simplex Michx.
Prairie. Rosaceae
17101. Chaerophyllum procumbens (L.) Crantz
Margin of woods along Millenium Trail. Apiaceae
17102. Botrychium virginianum var. virginianum (L.) Sw.
Edge of trail along Millenium Trail. Ophioglossaceae
17103. Hypoxis hirsuta (L.) Coville
prairie. Liliaceae
17104. Fraxinus pennsylvanica Marsh.
In woods off Casaletto Loop. Oleaceae
17105. Acer saccharinum L.
Scattered through park. Aceraceae
17106. Prunus serotina Ehrh.
Scattered throughout park. Rosaceae
17107. Asimina triloba (L.) Dun.
Common throughout Annonaceae
17108. Capsella bursa-pastoris (L.) Medic.
Parking area Brassicaceae

- ²
17109. Galium aparine L.
Along trails throughout park. Rubiaceae
- ¹
17110. Ellisia nyctelea L. Hydrophyllaceae
Floodplain woods at Cow Creek crossing of Caseletto Loop.
- ²
17111. Ranunculus micranthus var. delitescens (Greene) Fernald
Fence line along Black Oak Trail. Ranunculaceae
- ²
17112. Valerianella radiata (L.) DuRoi.
Parking area. Valerianaceae
- ¹
17113. Geum vernum (Raf.) T. & G.
Edge of woods along Caseletto Loop. Rosaceae
- ¹
17114. Viburnum prunifolium L.
Infrequent in woods throughout park. Caprifoliaceae
- ¹
17115. Podophyllum peltatum f. peltatum L.
Edge of woods along Millenium Trail. Berberidaceae
- ²
17116.
Infrequent in woods throughout park.
- ¹
17117. Rumex altissimus Wood.
low moist areas around strip pits. Polygonaceae

17118. Euonymus alatus (Thunb.) Sieb.
South end of Caseletto Loop. Celastraceae
17119. Nothoscordum bivalve (L.) Britton
Prairie Liliaceae
17120. Viola rafinesquii Greene
Prairie margin. Violaceae
17121. Osmorhiza longistylis (Torr.) DC.
In wood of Caseletto Loop near White Snake Pt. Apiaceae
17122. Fragaria virginiana Duchesne
Prairie. Rosaceae
17123. Allium canadense var. canadense L.
Along Wild Turkey Trail. Liliaceae
17124. Populus deltoides ssp. deltoides W. Bartram ex Marshall
Along Caseletto Loop. Salicaceae
17125. Viburnum prunifolium L.
Caseletto Loop near trail head. Caprifoliaceae
17126. Fraxinus pennsylvanica Marsh
Infrequent throughout park. Oleaceae

²
17127. Morus rubra L.
Scattered throughout park. Moraceae

¹
17128. Carya cordiformis (Wang.) K. Koch
Scattered throughout park. Juglandaceae

²
17129. Acer negundo var. violaceum (G. Kirchn.) H. Jaeger
Along Cow Creek along White Tail Run. Aceraceae

²
17130. Juglans nigra ~~var.~~ nigra L.
Trail Head of Caseletto Loop. Juglandaceae

¹
17131.
Parking area. Poaceae

¹
17132. Festuca
Parking area. Poaceae

²
17133.
Wet area of Wild Turkey Trail.

¹
17134.
Parking area.

¹
17135
Parking area.

¹ 17136. Asplenium platyneuron var. incisum (Howe ex Peck) B.L. Rob.
 Wet area of Wild Turkey Trail. ← Aspleniaceae

¹ 17137. Eleocharis compressa Sull.

Steep slope at junction of Goss Creek Trail
 and Caseletto Loop.

² 17138. Cystopteris protusa (Weath.) Blasdell Dryopteridaceae
 Low woods along Miner's Trail.

April 29, 2001. Kansas: Crawford County. Alley between
 Park Street

² 17139. Ornithogalum umbellatum L.
 Yard.

Liliaceae

May 3, 2001. Kansas: Crawford County.

² 17140. Baptisia australis var. minor (Lehm) S. Wats.

17141. Phlox pilosa ssp. pilosa L. Polemoniaceae
17142. Valerianella radiata (L.) Dufr. Valerianaceae
17143. Chaerophyllum procumbens (L.) Crantz Apiaceae
17144. Arenaria patula Michx. Caryophyllaceae
- 2
17145. Barbarea vulgaris var. vulgaris R.Br. Brassicaceae
17146. Lepidium virginicum var. virginicum L. Brassicaceae
- 2
17147. Callirhoe alcaeoides (Michx.) A. Gray Malvaceae
17148. Erigeron philadelphicus var. philadelphicus L. Asteraceae
17149. Bromus tectorum var. tectorum L. Poaceae
17150. Thlaspi arvense L. Brassicaceae
17151. Polytaenia nuttallii DC. Apiaceae

May 6, 2001. Kansas: Crawford County. Wilderness Park.

- ²
17152. Carya cordiformis f. cordiformis (Wang.) K. Koch
Scattered throughout. Juglandaceae
- ¹
17153. ~~Abies~~ Carya cordiformis f. cordiformis (Wang.) K. Koch
Scattered throughout. Juglandaceae
- ³
17154. Chaerophyllum procumbens var. procumbens (L.) Grantz
Edge of woods and trails. Apiaceae
- ¹
17155. Polygonatum biflorum var. commutatum (Sult. f.) Morong
Along Casaletto Trail. Liliaceae
- ²
-17156.
Cyperaceae
- ¹
17157. Wisteria frutescens (L.) Poiret
Low woods just south of Casaletto Trail near entrance. Fabaceae
- ²
17158. Crataegus crus-galli L.
Scattered throughout woods. Rosaceae

17159. Rubus pensilvanicus f. pensilvanicus Poir.
Common throughout. Rosaceae
17160. Zizia aurea (L.) W.D.J. Koch
Prairie Apiaceae
17161. Carex
Cyperaceae
17162. Maclura pomifera (Raf.) C.K. Schneid.
Low woods along Caseletto Trail. Moraceae
17163. Geranium carolinianum L.
Parking Area. Geraniaceae
17164. ~~Rap~~ Krigia dandelion (L.) Nutt.
Asteraceae
17165.
Poaceae
17166. Lepidium densiflorum var. densiflorum Schrad.
Prairie Brassicaceae
17167.
Brassicaceae

- 1
17168. Amorpha fruticosa L. Fabaceae
Low moist area just south of Casaletto Trail.
- 2
17169. Potentilla simplex var. simplex Michx. Rosaceae
Edge of prairie.
17170. Brassicaceae
- 2
17171. Tradescantia ohimensis Raf. Commelinaceae
At entrance of Casaletto Trail.
- 1
17172. Nuttallanthus texanus (Schede) D.A. Sutton Scrophulariaceae
Open area along Black Oak trail.
- 2
17173. Corydalis micrantha ssp. australis (Chapm.) Ownbey Fumariaceae
Bottomland woods.
- 1
17174. Cyperaceae
Wet area off Black Oak Trail.
- 2
17175. Myosotis verna var. verna Nutt. Boraginaceae
Open area along Black Oak Trail.
- 2
17176. Gratiola virginiana L. Scrophulariaceae
Wet soil at margin of pits.

17177. Arisaema dracontium (L.) Schott Araceae
Margin of low woods along Caselleto Trail.
17178. Rosa multiflora Thunb. Rosaceae
Common throughout park.
17179. Krigia caespitosa (Raf.) K. L. Chambers Asteraceae
margin of prairie.
17180. Lonicera sempervirens var. sempervirens L. Caprifoliaceae
In woods off Wild Turkey Trail.
17181. Open area along Black Oak Trail. Cyperaceae
17182. Botrychium virginianum var. virginianum (L.) Sw. Ophioglossaceae
Edge of woods along trails.
17183. Plantago virginica L. Plantaginaceae
Open area off Black Oak Trail.
17184. Alopecurus carolinianus Walter Poaceae
~~Stylosanthes biflora~~
Open area off Black Oak Trail.
17185. Carex Cyperaceae
Open area off Black Oak Trail.

Crawford Co.

May 19, 2001. Kansas: Ca. 0.7 km south of highway 57
at Hickory Creek bridge. T29S, R22E, S26.

Lat. $37^{\circ}30'N$; Long. $95^{\circ}01'W$.

Roadside.

w/ Lorrie Parrish and Becky Parrish

17186. Thlaspi arvense L. Brassicaceae

17187. Vicia villosa ssp. varia (Host) L. Corb. Fabaceae

17188. Agrostemma githago Caryophyllaceae

May 20, 2001. Kansas; Crawford County. Ca. 0.8 km north of
highway 160 (400) in the city of Cherokee.

T31S, R24E, S14 - Lat. $37^{\circ}20'N$; Long. $94^{\circ}49'W$.

w/ Lorrie Parrish.

17189. Philadelphus ~~intermedius~~ coronarius L.
Abandoned yard. Saxifragaceae

17190. Sherardia arvensis L.
Yard at 416 S. Buckeye.

Rubiaceae

May 16, 2001. Kansas: Crawford County. Yard off
4th Street (hiway 126) ca. 0.5 km east of
Rouse. T30S, R25E, S21. Lat. $37^{\circ}25'N$,
Long. $94^{\circ}41'W$.

17191. Cotinus cogggria Scop. Anacardiaceae

* May 22, 2001 - See 19.25

May 29, 2001. Kansas. Cowley County. Cowley County,
State Fishing Lake. Ca. 7 km west of junction
15; off highway 160. T34~~5~~^S R6E, S8.
lat. ~~Lat~~ $37^{\circ}07'N$, Long $94^{\circ}49'W$.
w/ Lorrie Parrish.

17192. Monarda citriodora Cerv. ex Lag. Lamiaceae
Rocky mixed grass prairie.

17193 Onosmodium molle var. occidentale (Mack.) Johnst. Boraginaceae
Rocky mixed grass prairie.

May 29, 2001. Kansas: Barber County. Gyp Hill Drive
ca. 3.4 km west of Hiway 281, off highway 160.
T32~~4~~^S, R12W. Lat. $37^{\circ}15'N$, Long. $98^{\circ}38'W$.
w/ Lorrie Parrish.

17194.

17195. Euphorbia ~~sp.~~ spathulata Lam. Euphorbiaceae
Prairie roadside.
17196. Asclepias latifolia (Torr.) Raf. Asclepidaceae
Prairie.
17197. Plantago patagonica var. patagonica Jacq. Plantaginaceae
Roadside ditch.
17198. Monarda citriodora Cerv. ex Lag. Lamiales
Roadside ditch.
17199. Haplopappus spinulosus subsp. spinulosus (Pursh) DC. Asteraceae
Open prairie.
17200. Pedicularis cuspidatum (Pursh) Rydb. Fabaceae
Prairie
- May 30, 2001. Kansas: Comanche County. At north edge of Coldwater off highway 160. T32S, R19W, S12. Lat. 37°16' N, Long 99°20' W. Disturbed roadside. w/ Lorrie Parrish.
17201. Thelesperma megapotamicum (Spreng.) O. Ktze.

May 22, 2001. Missouri: Newton County; Wildcat Glade Natural Area. Just south of Joplin off highway 86.
T27N, R33W, S34.
w/Lorrie Parrish

17202. Diospyros virginiana var. pubescens f. pubescens (Pursh) Dippel.
Along intermittent stream of glade. Ebenaceae
17203. Ceanothus herbaceus var. pubescens (Torr. & A. Gray) Shinners
In oak/hickory woods at margin of glade. Rhamnaceae
17204. Alisma subcordatum Raf. Alismataceae
Emergent in intermittent stream at south end of glade.
17205. Celtis tenuifolia var. tenuifolia Nutt. Ulmaceae
Scattered on glade.
- 17205a. Arenaria patula Michx.
on thin soil over chert.

May 22, 2001. Missouri: Jasper County. ca. 2.4 Km west of highway 43 and ca. 1.7 Km south of highway M.
T29N, R33W, S3. Near North Fork of Spring River.

w/Lorrie Parrish

17206. Crataegus
alluvial woods.

17207. Carex shortiana Dew. Cyperaceae
Wet area at margin of woods.

17208. Lysimachia nummularia L. Primulaceae
Exposed areas at margin of woods.

17209. Justicia americana (L.) Vahl
Emergent in stream.

17210. Saururus cernuus L. Saururaceae
At margin of intermittent stream.

17211. Ptelea trifoliata ssp. trifoliata L. Rutaceae
At margin of woods.

17212. Iodanthus pinnatifidus (Michx.) Steud. Brassicaceae
Margin of alluvial woods.

June 2, 2001. Kansas: Crawford County; ^{Wilderness Park.} ca. 0.8 Km
west of hiway 69. T. 30S, R 25E, S 7.
Lat. 37° 27' N, Long. 94° 43' W.
w/ Lorrie Parrish.

17213. Solanum carolinense var. carolinense L. Solanaceae
Parking area.

³
17214. Carex

Cyperaceae

¹
17215 Bidens aristosa f. aristosa (Michx.) Britton
Low wet woods near Caseletto Trail. Asteraceae

²
17216
Cyperaceae

²
17217
Poaceae

¹
17218. Erigeron strigosus var. strigosus Muhl. ex Willd.
Common throughout park. Asteraceae

¹
17219. Geum canadense Jacq.
Woods along Black Oak Trail. Rosaceae

¹
17220 Phlox divaricata ssp. laphamii (A.W. Wood) Wherry
Woods along Black Oak Trail. Polemoniaceae

¹
17221. Cryptotaenia canadensis (L.) DC.
Woods along Black Oak Trail. Apiaceae

¹
17222. Apocynum cannabinum var. pubescens (Michx.) A. DC.
Apocynaceae

- 2
17223. Elymus virginicus var. virginicus L. ~~virginicus~~
Along fence row along Black Oak Trail. Poaceae
- 1
17224. Trifolium campestre Schreb.
Along trail at edge of prairie. Fabaceae
- 2
17225. Elymus virginicus var. virginicus L.
Margin of woods. Poaceae
- 2
17226.
Cyperaceae
- 1
17227. Carex shortiana Dewey
Wet area of field off Black Oak Trail. Cyperaceae
- June 8, 2001. Missouri: Newton County. Wildcat Glade
Natural Area. Just south of Joplin west of highway
86. T27N, R33W S34.
w/ Lorrie Parrish.
- 1
17228. Phacelia hirsuta f. hirsuta Nutt. Hydrophyllaceae
On thin soil over chert.
- 1
17229. Tephrosia virginiana (L.) Pers. Fabaceae
On soil over chert.

17230. Gillenia stipulata (Muhl. ex Willd.) Baill.
Oak/Hickory woods. Rosaceae

June 15, 2001. Kansas: Crawford County. Ca. 7.2 Km west of
Bus. Highway 69. T30S R24E S16 & 15 (see section of
each species). Lat. $37^{\circ}25'N$; Long. $94^{\circ}46'W$.
w/ Lorrie Parrish.

- 3
17231. Lysimachia ciliata L. Primulaceae
Roadside. Sec. 15

- 2
17232. Ratibida columnifera f. columnifera (Nutt.) Woot. & Standl.
Roadside. Sec. 16 Asteraceae

- 6
17233. Ratibida columnifera f. pulcherrima (DC.) Fern.
Roadside Sec. 16 Asteraceae

- 2
17234. Lysimachia nummularia L. Primulaceae
Roadside ditch. S. 15

- 1
17235. Coreopsis tinctoria var. tinctoria Nutt. Asteraceae
Roadside Sect. 16

- 1
17236. Monarda citriodora var. citriodora Cerv. ex Lag. Lamiaceae
Roadside Sect. 16

3

17237.

Asteraceae

June 23, 2001. Kansas: Crawford County - Wilderness Park

w/ Lorrie Parrish.

17238. Panicum cladestinum L.

Low woods off Casaletto Trail.

Poaceae

17239. Hemerocallis fulva (L.) L.

Liliaceae

Edge of woods at parking area.

17240. Parietaria pennsylvanica var. pennsylvanica Muhl. ex Willd.

Open woods off Black Oak Trail.

Urticaceae

17241. Phytolacca americana L.

Phytolaccaceae

Along Casaletto Trail.

17242. Poa pratensis L.

Open field along Black Oak Trail.

Poaceae

17243. Carex

Black Oak Trail at prairie.

Cyperaceae

17244. Verbena urticifolia var. urticifolia L.

Prairie area.

Verbenaceae

17245. ✓ Impatiens capensis Meerb. f. capensis
Woodlands near Gw Creek off Caschetto Trail. Balsaminaceae
17246. ✓ Desmodium glutinosum f. glutinosum (Muhl. ex Willd.)
Margin of woods along Caschetto T. - Fabaceae A.W. Wood
17247. ✓ Cicuta maculata var. maculata L. Apiaceae
Margin of woods near pit along Black Oak Trail.
17248. ✓ Physostegia angustifolia Fernald Lamiales
Prairie
17249. ✓ Teucrium canadense var. canadense L. Lamiales
Prairie.
17250. ✓ Lysimachia ciliata L. Primulaceae
Wet low woods along Black Oak Trail.
17251. ✓ Silene stellata (L.) W.T. Aiton Caryophyllaceae
Margin of woods along Millenium Trail.
17252. ✓ Helenium flexuosum Raf. Asteraceae
Prairie
17253. ✓ Croton capitatus var. capitatus Michx. Euphorbiaceae
Prairie

17254. ✓ Hypericum punctatum Lam. Clusiaceae
Edge of woods along Black Oak Trail.
17255. ✓ Achillea millefolium L. var. millefolium
Prairie f. millefolium L.
17256. ✓ Torilis arvensis (Huds.) Link. Apiaceae
Along Black Oak Trail.
17257. ✓ Pycanthemum tenuifolium Schrad. Lamiaceae
Prairie
17258. ✓ Pyrrophappus carolinianus (Walt.) DC. Asteraceae
Prairie.
17259. ✓ Commelina erecta L. Commelinaceae
Edge of woods at Caseletto Trail Head.
17260. ✓ Polygonum virginianum var. virginianum L. Polygonaceae
Edge of woods along Black Oak Trail.
17261. ✓ Rosa setigera var. setigera Michx. Rosaceae
Edge of woods along Black Oak Trail.
17262. ✓ Plantago rugelii Decne. Plantaginaceae
Edge of trail of Caseletto Trail.

17263. ✓ Ptilimnium capillaceum (Michx.) Raf. Apiaceae
17264. ✓ Hypericum punctatum Lam. Clusiaceae
In open woods off Black Oak Trail.
17265. ✓ Dioscorea villosa L. Dioscoreaceae
Edge of woods along Caseletto Trail.
17266. ✓ Asparagus officinalis L. Liliaceae
Edge of woods at south end of Railroad Trail.
- ²
17267. ✓ Cyperaceae
17268. ✓ Chasmanthium latifolium (Michx.) H.O. Yates Poaceae
Scattered throughout woods.
17269. Bromus Poaceae
Edge of disturbed prairie.
17270. ✓ Setaria viridis (L.) P. Beauv. Poaceae
Edge of parking area.
17271. Cyperaceae
- 17271a.

17272

Cyperaceae

17272a.

17273

Cyperaceae

17274.

Cyperaceae

17275. Elymus virginicus L.
Prairie.

Poaceae

17276

17277.

17278. Paspalum laeve var. circularae (Nash) Fernald
Along Black Oak Trail.

Poaceae

17279. Lemna minor L.

Lemnaceae

Aquatic in pits.

17280. Eupatorium purpureum var. purpureum L.
Edge of woods along ~~Millenium~~ Millenium Trail

Asteraceae

July 7, 2001. Kansas: Crawford County, Wilderness Park.

w/ Lorrie Parrish

²
17346. Impatiens capensis f. capensis Meerb. Balsaminaceae
Woodlands near Cow Creek off Casaletto Trail.

²
17347. Poaceae

²
17348. Quercus Margin of woods along Casaletto Trail. Fagaceae

²
17349. Campanula americana L. Campanulaceae
Scattered throughout woods.

²
17350. Silene stellata (L.) Ait. f. Caryophyllaceae
Margin of woods along Millenium Trail.

17351. Lobelia inflata L. Campanulaceae
In woods along Casaletto Trail.

17352. Prunella vulgaris L. var. vulgaris Lamiales
woods along Casaletto Trail.

17353. Solidago ulmifolia Muhl. Asteraceae
Edge of woods along Casaletto Trail.
17354. Hypericum punctatum Lam. Clusiaceae
Prairie.
17355. Polygonum virginianum L. Polygonaceae
Edge of woods along Black Oak Trail.
17356. Desmodium paniculatum (L.) DC. Fabaceae
Margin of woods along Casaletto Trail.
17357. Chenopodium standleyanum Aellen
Woods along Black Oak Trail. Chenopodiaceae
17358. Eryngium yuccifolium Michx. Apiaceae
prairie
17359. Galium triflorum Michx. Rubiaceae
Woods along Casaletto Trail.
17360. Galium concinnum Torr. & A. Gray Rubiaceae
Woods along Black Oak Trail.
17361. Trifolium repens var. repens L.
17362. Polygonum hydropiperoides Michx. Polygonaceae
Margin of Strip pits.

- ¹ 17363. Teucrium canadense var. canadense L. Lamiaceae
Prairie.
- ¹ 17364. Justicia americana (L.) Vahl Acanthaceae
Margin of Long John pit at north end.
- ² 17365. Polygonum scandens L. Polygonaceae
At entrance to Black Oak Trail.
- ¹ 17366. Eleusine indica (L.) Gaertn. Poaceae
Disturbed ground.
- ¹ 17367. Betula nigra L. Betulaceae
Along Cow Creek.
- ¹ 17368. Rhus copallina var. latifolia Engl. Anacardiaceae
Common throughout.
- ¹ 17369. Crataegus Rosaceae
Edge of prairie.
- ¹ 17370. Liatris pycnostachya f. pycnostachya Michx.
prairie.
- ³ 17371. Baptisia alba var. macrophylla (Larisey) Isely Fabaceae
Edge of woods near prairie.

17372. Polygala sanguinea f. sanguinea L. Polygalaceae
prairie.
17373. Euonymus fortunei (Turcz.) Hand. - Mazz. Celastraceae
Common throughout.

July 24, 2001. Kansas: Scott ~~Co~~ County. Scott County
State ~~Park~~ ^{Park}. Ca. 3.5 Km west of highway 83
off highway 95. T16S R33W S12
Lat. $38^{\circ}41'N$, Long $100^{\circ}56'W$. w/ Gleb Timme

- 2 17374. Vernonia baldwinii Torr. Asteraceae
Along park road in ditch.

- 1 17375. Prunus angustifolia Marsh Rosaceae
Edge of disturbed area along park road.

- 2 17376. Mentzelia nuda (Pursh) T. & G. Loasaceae
Rocky hillside along park road.

- 1 17377. Ipomoea leptophylla Torr. Convolvulaceae
Rocky hillside along park road.

- 1 17378. Prunus Rosaceae
Along park road.

17379. Vitis

Along nature trail.

Vitaceae

17380. Salix exigua subsp. interior (Rowlee) Cronq.

Edge of spring of nature trail. Salicaceae

17381. Nepeta cataria L.

Lamiaceae

Margin of spring area along nature trail.

17382.

Spring branch.

Apiaceae

July 26, 2001. KS: Crawford County. Wilderness Park.

17383. Eleocharis

Wet depression near pits.

Cyperaceae

17384. Amaranthus retroflexus L. Amaranthaceae

Edge of parking lot at entrance to Black Oak Trail.

17385. Rorippa palustris (L.) Besser var. fernaldiana Stecker
(Butters & Abbe)

Brassicaceae

Edge of woods near old field.

July 30, 2001.

Mo
ND

17386.

Edge of Helianthus (cultivar) field. Lamiaceae

July 30, 2001.

17387.

Prairie along highway.

Asteraceae

17388.

Prairie along highway.

Asteraceae

17389.

Roadside ditch.

Fabaceae

17390.

Growing over Typha at edge of prairie. Cucurbitaceae

¹ 17391. Aster
Prairie along highway.

Asteraceae

² 17392. Helianthus
Prairie along highway.

Asteraceae

July 30, 2001.

MM
ND

² 17393.

Scrophulariaceae

August 3, 2001. Kansas: Cherokee County. Mined Land
Wildlife Area #22. Ca. 6Km South of County
Highway 102.

w/ Lorrie Parrish

¹ 17394. Physalis pubescens L.
Open site near strip pit.

Solanaceae

17395. Potamogeton nodosus Poir. Potamogetonaceae
Shallow parts of strip pit.

August 4, 2001. Kansas: Crawford County. Wilderness Park.

17396. Vernonia baldwinii subsp. baldwinii Torr. Asteraceae
Edge of prairie.

17397. Acalypha rhomboidea Raf. Euphorbiaceae
Edge of parking lot.

August 6, 2001. Missouri:
Falls

17398. Gonolobus gonocarpus (Walter) L.M. Perry Asclepiadaceae
Climbing over vegetation.

17399. Acalypha ostryifolia Riddell Euphorbiaceae
On thin soil over exposed rock.

September 4, 2001. Kansas: Crawford County. Wilderness
Park.

w/ Corrie Parrish

- ² 17400. Desmodium canadense (L.) DC. Fabaceae
Along Black Oak Trail.
17401. Gaura biennis L. Onagraceae
Edge of woods on south end of parking area.
17402. Erechtites hieracifolia (L.) Raf. ex DC. Asteraceae
Edge of woods along Millenium.
- ² 17403. Sagittaria brevirosta Mack. & Bush Alismataceae
Wet soil east of Black Oak Trail.
17404. Strophostyles helvula var. helvula (L.) Elliott Fabaceae
Growing over vegetation at north end of Long John Pit.
17405. Phyla lanceolata (Michx.) Greene Verbenaceae
North end of Long John Pit.
17406. Lespedeza repens (L.) Barton Fabaceae
Edge of woods along Millenium Trail.

17407. Juniperus virginiana var. virginiana
Open area just north of Long John Pit. Cypressaceae
17408. Yucca smalliana Fern. Agavaceae
17409. Tridens strictus (Nutt.) Nash Poaceae
Edge of west fence line at southern most end of
Black Oak Trail.
17410. Oenothera biennis L. Onagraceae
Open disturbed ground east of Black Oak Trail.
17411. Asclepias hirtella (Pennell) Woodson Asclepidaceae.
Edge of woods along Black Oak Trail.
17412. Ipomoea lacunosa L. Convolvulaceae
Growing over vegetation in low open woods, just
south of Caselleto Trail Loop near entrance.
17413. Cephalanthus occidentalis L. Rubiaceae
Edge of pit
17414. Agastache nepetoides (L.) O. Ktze. Lamiaceae

September 6, 2001. Kansas: Crawford County.

17415. Datura innoxia Mill.

Solanaceae

Growing as an ornamental.

September 11, 2001. Kansas: Crawford County. Wilderness Park.

April 15, 2002. Crawford Co., KS

17416. Salix discolor Muhl.

April 20, 2002. Cherokee Co., KS.

17417. Sassafras

17418. Cardamine concatenata (Michx.) O. Schwarz.
Rich rocky woods. Brassicaceae

17419. Selenia aurea Nutt. Brassicaceae
Thin soil over sandstone,

17420. Amelanchier arborea (Michx.f) Fern
Rich rocky woods. Rosaceae

17421. Dicentra cucullaria L. Fumariaceae
Rich rocky woods.

17422. Galium
Open woods. Rubiaceae

17423. Boraginaceae

April 21, 2002. Crawford Co., KS. 412 S. Buckeye.

17424. Morus
In yard at edge of out-building. Moraceae

April 22, 2002. Crawford Co., KS.

²
17425. Equisetum

April 24, 2002. Crawford Co., KS.

²
17426. Cotinus coggigria Scop.
Cultivar.

April 28, 2002. Crawford Co., KS. Wilderness Park.

²
17427.

¹
17428. Vitis

¹
17429.

²

17430.

²17431. Gymnocladus

May 1, 2002. Crawford Co., KS. State Park just north
of Frontenac.

²

17432.

May 1, 2002. Crawford Co., KS.

²

17433.

May 12, 2002. Barber Co., KS

³17434. Tamarix

17435.

³
17436.

¹
17437

¹
17438. Glandularia

Verbenaceae

¹
17439. Sapindus

¹
17440.

Poaceae

³
17441.

Brassicaceae

July 4, 2002.

17442.

July 4, 2002.

²
17443.

July 5, 2002. MO: Barry Co. Rock Creek

¹
17444.

Apiaceae

¹
17445.

Apiaceae

¹
17446.

On soil in crevices of rocks of intermittent stream (dry).

³
17447.

Rosaceae

¹
17448. Polygala

Polygalaceae

¹
17449. Hydrastis

Ranunculaceae

²
17450.

Lamiaceae

²
17451. Hystrix

Poaceae

²
17452.

Rosaceae

¹
17453.

Caryophyllaceae

¹
17454. Asclepias
Glade.

Asclepidaceae

¹
17455.

¹
17456. Quercus
Edge of glade.

Fagaceae

¹
17457. Coreopsis
glade.

Asteraceae

³
17458. Celtis

Ulmaceae

²
17459.
Edge of glade.

Ulmaceae

²
17460.
Glade.

²
17461.
Glade.

²
17462.

²
17463. Rudbeckia
Glade.

Asteraceae

¹
17464 Hypericum
Glade.

Clusiaceae

¹
17465.

¹
17466.

¹
17467. Quercus
Edge of glade.

Fagaceae

¹17468. Quercus
Edge of glade.

Fagaceae

²17469.

¹17470.

¹17471.

²17472.

²17473.
Glade.

Gentianaceae

¹17474. Asclepias
Glade.

Asclepidaceae

¹17475. Desmodium
Glade.

Fabaceae

¹17476

²
17477. Hydrangea

Hydrangeaceae

²
17478. Celtis
glade.

Ulmaceae

¹
17479. Galium

Rubiaceae

¹
17480.

²
17481

¹
17482.
glade.

July 27, 2002. MO: Barry Co. Rock Creek.

²
17483.

Poaceae

¹
17484.

Poaceae

²
17485. Quercus

Fagaceae

¹
17486.²
17487.¹
17488.²
17489. Dalea

Fabaceae

¹
17490.

Lamiaceae

²
17491.²
17492.

- | | |
|---------------------------------|---------------|
| 2
17493. <u>Carya</u> | Juglandaceae |
| 1
17494. <u>Carya</u> | Juglandaceae |
| 1
17495. <u>Quercus</u> | Fagaceae |
| 1
17496. <u>Ulmus</u> | Ulmaceae |
| 1
17497. | Euphorbiaceae |
| 2
17498 | Apiaceae |
| 1
17499. <u>Rudbeckia</u> | Asteraceae |
| 17500. <u>Prunella vulgaris</u> | Lamiaceae |
| 17501. | |

1
17502.

Poaceae

1
17503.

Poaceae

1
17504.

Poaceae

1
17505. Galium

Rubiaceae

1
17506. Galium

Rubiaceae

1
17507. Desmodium

Fabaceae

1
17508.

1
17509.

2
17510.

²
17511. Quercus

Fagaceae

¹
17512. Quercus

Fagaceae

²
17513.

¹
17514. Scutellaria

Lamiaceae

¹
17515. Sida

Malvaceae

²
17516. Hypericum

Clusiaceae

²
17517

²
17518. Quercus

Fagaceae

²
17519

2
17520.

Lamiaceae

1
17521. Clematis

Ranunculaceae

August 2, 2002. KS: Stafford Co. On west side of
highway 281 ca. 16 km south of Great Bend.
Disturbed roadside and field.
w/ Lorrie Parrish

1
17522.

1
17523

1
17524.

Poaceae

August 6, 2002. MO:
Mingo Wildlife Refuge.

w/ Lorrie Parrish

17525. Passiflora

Between road and edge of woods.

Passifloraceae

17526.

Low wet area.

Lamiaceae

17527.

Edge of woods.

17528. Heliotropium

Low wet area.

Boraginaceae

17529. Asclepias

Low moist woods.

Asclepidaceae

17530.

Growing over vegetation at edge of woods.

Fabaceae

17531.

Growing over vegetation at edge of woods.

Apocynaceae

¹
17532.

Climbing trees at edge of swamp.

¹
17533.

Growing over low vegetation

¹
17534. Quercus

Margin of swamp.

Fagaceae

March 21, 2003. Missouri: St. Clair County. Lichen
Glade Conservation Area. Ca. 9.6 Km west of
Osceola on the north side of county road B.
T38N, R26W, S16.

w/ Lorrise Parrish

²
17535. Hedwigia ciliata

On thin soil over sandstone.

²
17536. Reboulia

On soil over sandstone and among grasses.

¹
17537. Polytrichum

On thin soil over exposed sandstone.

¹
17538.

On soil over sandstone.

²
17539

On soil among grasses over sandstone.

¹
17540.

On thin soil beneath grasses.

March 21, 2003. Missouri: St. Clair County.

Buzzard's Bluff. ca. 3.2 Km north of
highway 54 and 1.75 Km west of State
highway V. T37N, R26W, S35.

w/ Lorrie Parrish

²
17541. Bryum

On soil along side a intermittent stream
in Oak/Hickory woods.

²
17542. Climacium americanum

On soil along side intermittent stream
in Oak/Hickory woods.

17542a.

On soil along side intermittent stream in Oak/hickory woods.

1
17543.

Underneath rock overhang in Oak/Hickory woods.

1
17544. Thelia

Base of Quercus in oak/hickory woods.

1
17545. Selaginella rupestris

On sandstone in open areas.

March 21, 2003. Missouri: Dade County. Bona Glade.

Sandstone outcrops on east side of Maze Creek arm of Stockton Lake. Ca. 2.5 km east of junction highways 215 & 245 on north side of highway 215 near Bona. T35N, R25W, S32.

w/ Lorrie Parrish

1
17546.

2
17547. Leucobryum

On soil in oak/hickory woods.

2
17548. Thuidium

On thin soil over sandstone in oak/hickory woods.

2

17549.

On wet rocks.

2

17550

On soil over wet rock.

1

17551. Atrichum angustatum
On vertical rock.

2

17552.

On exposed sandstone rock in open areas.

1

17553.

On rock of intermittent stream bed.

1

17554.

On vertical sandstone.

2

17555. Reboulia

On soil below rock overhang.

1

17556. Hedwigia ciliata

On exposed sandstone.

2

17557. Dicranum scoparium

On sandstone in oak/hickory woods.

March 23, 2003. Missouri: Newton Co. Wildcat Glade
T27N, R33W, S.34. Less than 0.5 km
south of I-44 and about 0.8 km east
of highways 43/86. Chert outcrops.

w/ Lorrie Parrish

²
17558. Bryum
On rocks along intermittent stream.

²
17559. Polytrichum
At edge of glade and oak/hickory woods.

¹
17560. Entodon seductrix
In oak/hickory woods on soil.

¹
17561. Leucobryum
On soil in oak/hickory woods.

¹
17562. Ditrichum
On soil in oak/hickory woods.

¹
17563. ~~Entodon~~ Atrichum
On soil in oak/hickory woods.

²
17564. Polytrichum
On soil over chert at edge of oak/hickory woods.

2

17565. Thelig

On soil and base of oak in oak/hickory woods.

March 23, 2003. Kansas: Cherokee County.

Schmerhorn Park just south of Galena
east of highway 26 at edge of Shoal Creek.T34S, R25E, S.35. Lat. $37^{\circ}02'$ Long. $94^{\circ}39'N$. Oak/hickory forest on
limestone bluff.

w/ Lorrie Parrish

1

17566.

On Quercus

1

17567.

on limestone boulders in woods.

1

17568. Brachythecium

On soil of disturbed ground in woods.

1

17569.

On limestone boulders in woods.

2

17570.

On soil of bank cut in woods.

* before 4/19 entry.

April 11, 2003. MO: Dade County, Dr. O.E. and Eloise H. Sloan Conservation Area. Ca. 4.0 km west of Mo. Highway 160 & 39 junction.
T31N R27W S28.
w/ L. and B. Parrish.

17571.

Disturbed ground.

* April 11, 2003. MO: Lawrence County. Ca. 3.5 km west of Rescue on north side of MO Highway 96.
T29N, R26W, S29.

17572.

Disturbed roadside.

April 17, 2003. KS: Crawford County, Crawford County State Park.

w/ plant biosystematics class.

17573.

Along trail - of exposed limestone glade-like area.

- ² 17574. Crataegus Rosaceae
edge of woods and limestone glade-like area.
- ¹ 17575. Lithospermum Boraginaceae
Disturbed glade-like area.
- ² 17576. Ophioglossum Ophioglossaceae
Thin soil over limestone of open wooded area.
- ¹ 17577. Poaceae
Thin soil over limestone along trail.
17578. Poaceae
Thin soil over limestone along trail.
17579. Brassicaceae
Thin soil over limestone.
17580. Brassicaceae
Thin soil over limestone.
17581. Lithospermum incisum Boraginaceae
On thin soil over limestone
17582. Lomatium Apiaceae
On thin soil over limestone

17583. Packera

On thin soil over limestone.

Asteraceae

17584. Rhus aromatica

Low woods.

Anacardiaceae

April 18, 2003. KS: Crawford County. 1705 N. Locust St.

17585. Poa

Poaceae

17586. Liquidambar

17587. Quercus palustris

April 19, 2003. MO: Dade County. Bona Glade. Ca. 1.5 km west of Bona. Sandstone glade.

T33N, R25W, S33 1/4

w/L. & B. Parrish

17588. Amelanchier arborea.
S33 on glade.

17589.
54. Soil over sandstone.

Brassicaceae

17590.
In oak/hickory woods. 54

17591.
On sandstone overhang. S33

17592.

54.

Brassicaceae

17593

54.

Brassicaceae

17594. Vaccinium
S33.

Ericaceae

17595. Krigia
On thin soil over sandstone. S33.

Asteraceae

17596. Collinsia
On thin soil over sandstone. 54.

Plantaginaceae:
(Scrophulariaceae)

17597.

54.

Brassicaceae

17598.

On thin soil over sandstone. S4.

Brassicaceae

17599. Geocarpon mimumOn thin soil of depressions over sandstone. ^{S3} Caryophyllaceae~~17600. 17600.~~

April 19, 2003. MO: Dade County. Ca. 4.0 km South
of junction mo. Y & H. Along roadside (prairie).

T32N, R26W, S. 20.

w/ L. & B. Parrish.

17600. Lithospermum ~~201~~

April 20, 2003. KS: Crawford County. Along roadside km
South of

w/ L. & B. Parrish.

17601.

Brassicaceae

March 26, 2003. MO: Jasper County. Wob-Sha-She Prairie.
 Ca. 1.4 km east of highway 171 and ca. 0.4 km
 north of highway M.
 T28N, R34W, S31, SE 1/4. Prairie.

17602. Antennaria

Asteraceae

April 1, 2003. MO: Newton County. Wildcat Glade.
 Just south of F44 and west of Shoal Creek.
 SE 1/4, S27, R33W, T27N.
 Chert glade w/ Lorie Parrish

²
 17603. Antennaria

In rocky woods.

Asteraceae

¹
 17604.

In rocky woods.

¹
 17605.

In rocky woods.

17606.

Disturbed ground near parking lot.

17607. Amelanchier arborea
open glade.

Rosaceae

April 15, 2003. MO: Newton County. Wildcat Glade. Just south of I44 and west of Shoal Creek. SE 1/4, S27, R33W, T27N. Chert glade. w/ Lorrie Parrish.

1
16708. Collinsia
17708 open glade.

Plantaginaceae

2
16709.
17709 grassy area of glade.

Brassicaceae

1
16710.
17710 Rocky woods.

21
16711. S
17711 Soil over chert.

Brassicaceae

21
16712.
17712 Edge of woods.

21
16713.
17713 Near intermittent stream, soil over chert.

April 18, 2003. KS: Crawford County. "Quail Farm". ca.
 3.8 ~~km~~ ^{highway} west of highway 69 by pass and 1.6 km
 South of ^{highway} 126. 335, R24E, T31S.

16714.
 17714

Along road at edge of woods.

Poaceae

16715. Bromus
 17715

Along road at edge of woods.

Poaceae

16716. Packera
 17716

Along road at edge of woods.

Asteraceae

16717. Chaerophyllum
 17717

Along road at edge of woods.

Apiaceae

16718. Ranunculus
 17718

Shallow water of pit area.

Ranunculaceae

April 20, 2003. MO: Newton County.

Shoal Creek. ca. 1.9 km west of Falls of
 and just NW of I44.

Rock area around falls.

16719.
 17719

soil in cracks of rocks.

Asteraceae

May 1, 2003. KS: Crawford County. Wilderness Park.
 Ca. 0.8 km west of highway 69 off McKay
 St.; Sec. 7, R25E, T30S.

16720. Osmorhiza
 17720 Low woods.

Apiaceae.

16721. Juglans nigra
 17721 Edge of low woods at Casaletto Trail head.

Juglandaceae

16722. ~~A~~
 17722 Along Casaletto Trail - low woods.

Poaceae

16723.
 17723 Along Casaletto Trail - low woods.

Poaceae

16724.
 17724 Open area along trail.

16725. Lonicera
 17725 Shrub in low woods.

Caprifoliaceae

2
 16723. Rumex
 17723 Near intermittent stream along

Trail. ~~R~~
 Polygonaceae

May 8, 2003. KS: Crawford Co. West of Pittsburg
along highway 126, just west of junction
126/7. S25, R23E, T30S. Old field.

16724.
17727

Brassicaceae

16725.
17728

old field.

Brassicaceae

16726. Ranunculus
17729 Old field.

Ranunculaceae

16727.
17730

Old field.

Brassicaceae

16728.
17731

Old field.

Brassicaceae

16729.
17732

Old field.

Poaceae

16730.
17733

Old field

Poaceae

16731

17734 Old Field.

Asteraceae

¹
16732.
17735 Old field. Brassicaceae

¹
16733.
17736 Old field. Brassicaceae

¹
16734.
17737 Old field.

¹
16735.
17738 Old field. Ranunculaceae

¹
16736.
17739 Old field. Brassicaceae

May⁸, 2003. KS: Crawford County. Ditch through
McCune. S8, R22E, T31S.
or parking area.

16737. Ranunculus
17740 In water of ditch. Ranunculaceae

²
16738.
17741 Edge of ditch. Brassicaceae.

¹
16739.
17742 Parking area near garage. Asteraceae

May 8, 2003. KS: Crawford County. In low woods just off 69 bypass. S33, R2SE, T30S.

16740.

Apiaceae

May 9, 2003. KS: Crawford County. Just west of highway 69; Field north of McKay St. S6, R2SE, T30S.

16741
17743

Polygonaceae

16742. Salix
17744 Edge of woods.

Salicaceae

16743. Geranium
17745 Old field.

Geraniaceae

16744.
17746 Old field

16745.
17747 Old field

Caryophyllaceae

16746.
17748 Old field.

1
~~16747~~. Nuttallanthus
 17749 Old field.

Plantaginaceae

1
~~16748~~. Plantago
 17750 Old field.

Plantaginaceae

1
~~16749~~. Geranium
 17751 Old field.

Geraniaceae

1
~~16750~~. Krigia
 17752 Old field.

Asteraceae

1
~~16751~~. Smilax
 17753 Edge of woods.

Smilicaceae

May 9, 2003. KS: Montgomery County. Ca. 6.0 Km west
 of junction 160 (400) / 169. Along highway 400.
 S33, R17E, T30S. Disturbed roadside.

1
~~16752~~. Hesperis matronalis L.
 17754

Brassicaceae

1
~~16753~~. Leucanthemum vulgare Lam.
 17755

Asteraceae

May 9, 2003. KS: Montgomery County. Ca. 1.5 km
south of highway 400 on west side of
highway 75. S6, R16E, T31S.
Prairie.

1
16754. Plantago
17756

Plantaginaceae

2
16755. Dodecatheon meadia
17757

Primulaceae

May 9, 2003. KS: Montgomery County. Ca. 4.8 km west
of junction highway 160/75. On south side of
160. Prairie roadside.
S31, R15E, T32S.

1
16756. Rosa carolina L.
17758

Rosaceae

2
16757. Toxicoscordion nuttallii (A. Gray ex S. Watson) Rydb.
17759

Liliaceae

1
16758
17760

Poaceae

May 9, 2003. KS: Cowley County. Ca. 8.0 km
north of highway 15/38 and ca. 6.2 km west
of Cambridge.
S 25, R 6 E, T 31 S.
Roadside.

¹
~~16759~~ 17761. Nemastylis geminiflora Nutt. Tridaceae

¹
~~16760~~ 17762. Erigeron Asteraceae

May 9, 2003. KS: Sumner County. Ca. 2.4 km east
of Argonia on north side of highway 160.
S 10, R 4 W, T 32 S. Roadside.

¹
~~16761~~ 17763. Nuttallanthus texanus (Scheele) D.A. Sutton
Plantaginaceae (Scrophulariaceae)

May 10, 2003. KS: Barber County. Ca. 13 km west of
junction 160/281 on north side of highway 160.
S 10, R 13 W, T 32 S. Lower part of butte.

¹
~~16762~~ 17764. Oenothera macrocarpa Nutt. sensulata

May 10, 2003. KS: Barber County. Ca. 17.0 km west of
junction highways 160/281. Roadside overlook on
north side of highway 160. Mixed grass prairie
between buttes.
S6, R13W, T32S.

81

~~16763~~. Cymopterus montanus Nutt. ex Torr. & A. Gray
17765 Apiaceae.

3

~~16764~~. Hybanthus verticillatus (Ortega) Baill. Violaceae
17766

~~16765~~. Sophora nuttalliana B.L. Turner Fabaceae
17767

~~16766~~. Descurainia pinnata subsp. brachycarpa (Richardson) Detling
17768 Brassicaceae - disturbed ground.

2

~~16767~~. Camelina microcarpa Andrzej. ex DC.
17769 Brassicaceae - disturbed ground

~~16768~~. Quincula lobata (Torr.) Raf. Solanaceae
17770

~~16769~~. Linum pratense (Nort.) Sm. Linaceae
17771

~~16770~~. Sphaeralcea coccinea (Pursh) Rydb.
17772 Onagraceae

~~16771~~. Dalea enneandra Nutt. Fabaceae
17773

81

16772. Lepidium oblongum Small var. oblongum
17774 Brassicaceae - disturbed ground

16773. Lesquerella gordonii (A. Gray) S. Wats.
17775 Brassicaceae

16774. Gaura coccinea Pursh Onagraceae
17776

16775. Psilostrophe tagetina (Nutt.) Greene Asteraceae
17777

16776. Chaetopappa ericoides (Torr.) G. L. Nesom
17778

May 10, 2003. KS: Barber County. ca. 10 km west of
junction highways 160/281 and ca. 5 km
south of 160.

S24, R13W, T32S.

Mixed grass prairie of gypsum hill area.

2

16777. Guillardia suavis (Gray & Engelm.) Britt. & Rusby.
17779

16778. Plantago patagonica var. spinulosa (Decne.) A. Gray
17780 Plantaginaceae

16779. Evolvulus nuttallianus Schult.
17781 Convolvulaceae

2

~~16780~~ 17782. Cryptantha minima Rydb. Boraginaceae

2

~~16781~~.

17783

1

~~16782~~.

17784

Poaceae

1

~~16783~~ 17785. Glandularia bipinnatifida (Nutt.) Nutt.
Verbenaceae

1

~~16784~~ 17786. Salix exigua subsp. interior (Rowlee) Cronquist
Salicaceae

1

~~16785~~ 17787. Vitis riparia Michx. Vitaceae

May 11, 2003. KS: Barber County. Barber County State
Fishing Lake. North edge of Medicine Lodge.
J1, R12W, T32S.

1

~~16796~~ 17788. Elaeagnus angustifolia L. Elaeagnaceae
Edge of lake.

May 11, 2003. KS: Cowley County. Lawn on 160 near
Service station.
S36, R3E, T34S.

1
~~16797~~. Erodium cicutarium (L.) L'Hér. ex Aiton
17789 Geraniaceae

1
~~16798~~ Abelia schumannii
17790 Caprifoliaceae

May 11, 2003. KS: Harper County. Roadside park
just south of junction 14/160 on west side
of highway 14. S. 11, R7W, T32N.

→ ~~16798~~.
17790

May 11, 2003. KS: Sumner County. Ca. 20 Km
west of Oxford on south side of highway 160.
S16, R2E, T32S.
Roadside.

2
~~16799~~. Tragopogon porrifolius L. Asteraceae
17791

May 11, 2003. KS: Cowley County, Cowley County
State Fishing Lake. Ca. 14 km west of
junction highways 166/15 on south side
of 166.

S16, R6E, T34S

Along road to camping area.

2.

16800. Tradescantia occidentalis (Britton) Smyth.
17792 Commelinaceae

May 15, 2003. Mo: Douglas County.
ca. Sweden.

w/ Lorrie Parrish

1
16801. Maianthemum racemosum (L.) Link ssp. racemosum.
17793 Liliaceae

1
16802 Monarda bradburiana L. C. Beck Lamiaceae
17794

2
16803. Rhododendron prinophyllum (Small) Millais
17795 Ericaceae

16804. Asclepias quadrifolia Jacq.
17796 Plantaginaceae (=Asclepidaceae)

May 24, 2004. MO: cedar County. ca. 2.0 Km east of
junction highway K/U at the Cedar Creek
bridge.

S26, R27W, T35N

Rocky roadside on north side of bridge and
west side of highway K.

w/ Lorrie Parrish

²
H6805.

17797 Apiaceae

May 24, 2004. MO: Dade County. Bona Glade. Ca. ~~1.0~~^{2.0} Km
east of Bona on Highway 215.

~~2.0 Km~~ Sandstone outcrop.

w/ Lorrie Parrish. S33, R25W, T33N

H6806. Coreopsis grandiflora Mogg ex Sweet Asteraceae
17798 S5, T32N, R25W,

H6807. Hypericum punctatum Lam. Clusiaceae
17799 S5, R25W, T32N

H6808. Achillea millefolium L. Asteraceae
17800 S5, R25W, T32N

¹ 17801
H6809. Penstemon pallidus Small Plantaginaceae
(Scrophulariaceae)
H6809a. 17801a.

16810.

17802 Poaceae

16811.

17803 Poaceae

16812.

17804 Poaceae

16813.

17805 Poaceae

1
16814. Scutellaria parvula var. australis Fassett
17806 Lamiales

16815.

17807 Poaceae

2
16816. Plantago aristida Michx.
17808 Plantaginaceae

1
16817. Vaccinium arboreum Marsh

Ericaceae

16818

17810 Poaceae

16819.

1
16819. Asclepias quadrifolia Jacq. Asclepidaceae
in woods

1
16820

17812 Poaceae

1
16821.

17813 Poaceae

1
16822.

17814 Cyperaceae

1
16823.

17815 Poaceae

1
16824.

17816 Poaceae

1
16825.

17817 Poaceae

2

16826. Rumex acetosella L.

Polygonaceae

17818

1
16827. Polygonatum biflorum (Walt.) Ell. Liliaceae

17819 In wooded ravine.

1
16828 Nuttallanthus canadensis (L.) D.A. Sutton

17820

Scrophulariaceae

1
16829.

17821 Poaceae

1
~~16830~~.

17822 Poaceae

1
~~16831~~.

17823

1
~~16832~~.

17824 Poaceae

1
~~16833~~. Talinum parviflorum Nutt.

17825

Portulacaceae

1
~~16834~~. Allium stellatum Ker

17826

Liliaceae

2
~~16835~~. Oenothera linifolia Nutt.

17827

Onagraceae

~~16835a~~. Corydalis crystallina Englm.

17827a

Fumariaceae

May 24, 2003. MO: Barton County. Pa Sole Prairie
 Conservation Area. 1.6 km east of
 highway T and 1.9 km north of highway 126.
 S23 R30W T31N.

w/ Lorie Parrish

Parking lot

1
~~16836~~. Matricaria matricarioides (Less.) Porter

17828

Asteraceae

May 24, 2003. MO: Barton County. Ca. 1.4 Km west
of highway 71 on ~~the~~ south side of highway 126.
Ditch
S26 R31W T31N w/ Lorrie Parrish

¹
~~16837~~ 17829. Thalictrum dasycarpum Fisch. & Ave-Lall.
Ranunculaceae

May 26, 2003. MO: Newton County. Wildcat Glade.
Falls of Shoal Creek. Ca. 1.9 Km west of
highways 86/43 and just NW of I44.

w/ Caleb & Zach Timme

²
~~16838~~ 17830. Chaetopappa asteroides (Nutt.) DC. Low
Asteraceae

^{KS:}
May 26, 2003. Crawford County. East edge of Cherokee.
Abandoned House at edge of 160th Road.

June 7, 2003. KS: Wilson County. Buffalo State Lake.
 Ca. 1.6 Km southeast of Buffalo and ca. 20 Km
 north of Altoona on north side of highway 75.
 S17, R16E, T27S.

Limestone outcrops.

w/ Lorrie Parrish

2

16840.
 17831

Thin soil over limestone.

Poaceae

1

16841. Talinum
 17832

Thin soil over limestone.

1

16842.
 17833

Roadside.

Poaceae

1

16843
 17834

Deep soil over limestone.

1

16844. Hypericum
 17835 Along roadside.

Clusiaceae

2

16845.
 17836

Deep soil over limestone.

Apiaceae

1

16846 Rhus aromatica
 17837 Roadside.

Anacardiaceae

¹
16847. *Euphorbia*.

17838

Thin soil over limestone.

Euphorbiaceae

²
16848.

17839

Roadside.

Boraginaceae

June 9, 2003; MO: Newton County. Wildcat Glade

w/ Summer Flora Class

¹
16849. *Delphinium carolinianum*

17840

On glade.

Ranunculaceae

¹
16850. *Coreopsis*

17841

On glade.

Asteraceae

¹
16851. *Tephrosia virginiana*

17842

On glade.

Fabaceae

¹
16852

17843

On glade.

Poaceae

¹
16853. *Vaccinium*

17844

In oak/hickory woods.

Ericaceae

June 11, 2003. KS: Crawford County. 20th Street.

16854.

17845 Ditch.

Poaceae

16855.

17846

Poaceae

16856

17847

Poaceae

16857.

17848

June 12, 2003. KS: Crawford County. Pittsburg.

16858.

17849

Poaceae

16859. Lilium americana

17850

Liliaceae

June 12, 2003. KS: Crawford County. . Prairie on
McKay St.

1
~~16860~~.
17851

Orchidaceae

1
~~16861~~. Prunella vulgaris
17852

Lamiaceae

June 13, 2003. KS: Crawford County. . Prairie.

2
~~16862~~. Ptl.:
17853

Apiaceae

1
~~16863~~.
17854 Shaded ditch.

1
~~16864~~. Bromus
17855 Ditch.

Poaceae

June 13, 2003. ~~MO~~ MO: Newton County.

1
16865.
17856

Fagaceae

June 14, 2003. KS: Crawford County. 14th Street
east of Joplin near railroad tracks.

2
16866.
17857

Poaceae

16.

June 16, 2003. KS: Crawford County.

2
16867.
17858

2

~~16868.~~

17859

2

~~16869.~~

17860

2

~~16870.~~

17861

2

~~16871.~~

17862

2

~~16872.~~

17863

2

~~16873.~~

17864

2

~~16874.~~

17865

Poaceae

June 16, 2003. MO: Barton County. Prairie State Park.

16875.

17866

Fabaceae

16876. Coreopsis

17867

Asteraceae

June 18, 2003. KS: Crawford County. Wet ditch

16877.

17868

16878.

17869

16879

17870

16880.

17871

June 19, 2003. KS: Crawford County. Mined Land
Wildlife Area.

2
H6881.
17872

June 19, 2003. KS: Crawford County.

1
H6882. Silene stellata
17873

Caryophyllaceae

2
H6883. Clematis
17874

Ranunculaceae

June 20, 2003. KS: Crawford County.
west of 69 highway bypass off 20th St.
S22, R24E, T30S. Along roadside.

6
H6884. Ratibida columnifera
17875

June 22, 2003: KS: Crawford County. Wilderness
Park.

w/ Lorrie Parrish

1
16885.
17876

Poaceae

1
16886.
17877

Poaceae

2
16887. Galium
17878

Rubiaceae

2
16888.
17879

Poaceae

2003

June 23, KS: Crawford County. Ca. 1 km Northeast
of Cherokee and about 5.5 km south of highway
126. off 160 road. S7, R24E, T31S.
Along roadside.

~~16889~~ 17880. Dracopis amplexicaule

Asteraceae.

June 24, 2003. KS: Crawford County. ca. 4.8 km
west of highway 69 bypass off 20th st.
~~S22~~ S22, R24E, T30S. Along roadside.

~~16890~~ 17881

Poaceae

~~16891~~ 17882. Pycnanthemum tenuifolium

Lamiaceae.

~~16892~~ 17883. Hypericum

Clusiaceae.

~~16893~~ 17884. Physalis

Solanaceae

1
16894, Tragia

Euphorbiaceae

1
16895. Coreopsis tinctoria
17885

Asteraceae

2
16896. Polygonum
17886

Polygonaceae

June 28, 2003. MO: Dade County. Ca. 0.9 km
east of junction highways 4 & H on
southside of 4 highway. S3, R26W, T32N.
Lat. $37^{\circ}34'N$, Long. $93^{\circ}39'W$
Sandstone outcrop along roadside.
w/ Lorrie Parrish

1
16897. Teucrium canadense
17887 ditch at edge of glade.

Lamiaceae

2
16898. Lechea tenuifolia
17888 On exposed rock:

Cistaceae

1
16899.
17889 ditch near glade.

Cyperaceae

- 1
~~16900~~ 17890. Amelanchier arborea
 Edge of glade/woods. Rosaceae.
- 1
~~16901~~ 17891. Quercus alba
 Edge of glade/woods. Fagaceae
- 1
~~16902~~ 17892. Vaccinium
 Open glade. Ericaceae
- 1
~~16903~~ 17893. Open glade. Asteraceae
- 1
~~16904~~ 17894. Polygala
 grassy area of glade. Polygalaceae
- 1
~~16905~~ 17895. Hypericum drummondii
 Open glade. Clusiaceae

July 4, 2003. KS: Crawford County. Wilderness Park.
 ca. 0.7 km west of 69 on south side of
 McKay St. S7, R2SE, T30S.
 w/ Lorrie Parrish.

- 1
~~16906~~ 17896. Erigeron
 At head of Black Oak Trail. Asteraceae.

- ¹
~~16907~~ 17897. Triodanus
 Prairie area. Campanulaceae
- ¹
~~16908~~ 17898. Arnoglossum
 Prairie. Asteraceae
- ¹
~~16909~~ 17899. Pycnanthemum tenuifolium
 Prairie Lamiaceae
- ³
~~16910~~ 17900. Asparagus
 Edge of woods / prairie. Asparagaceae

July 8, 2003. MO: Dade County. ca. 0.9 km east of
 junction hiways 4 & H on south side of highway
 4. S23, R26W, T32N.
 Lat. 37° 34' N Long 93° 39' W
 Sandstone outcrop along roadside. With Lorrie Parrish.

- ¹
~~16911~~ 17901.
- ²
~~16912~~ 17902. Lamiaceae
- ~~16913~~ 17903. Rubiaceae

1
16914. Verbena
17904

Verbenaceae

July 17, 2003. KS: Crawford Co. Wilderness Park.

1
16915.
17905 Along trail near prairie.

1
16916. Polygala san
17906 In "prairie".

1
16917.
17907 Along trail around "prairie."

1
16918. Mollugo
17908 Along trail around "prairie."

1
16919. Teucrium
17909 "Prairie"

1
16920. Physalis
17910 Along trail around prairie.

²
16921. Ptilidium
17911 Edge of "prairie".

²
16922
17912 Along trail around "prairie".

July 18, 2003. KS: Crawford Co. RR tracts in
city of Cherokee on Pine Street.

16923.
17913

~~July 18, 2003 KS: Bourbon Co., ca. 3.2 km
south of Ft. Scott. On west side of highway
69. S 18, T 86S, R 25E.
Ditch.
w/ Lorrie Parrish.~~

16924.

July 18, 2003. KS:

3

16924. Dipsacus laciniatus
17914

July 18, 2003. KS: ~~Barton~~ Crawford Co. ca. 2.9 km north
of Bone Creek Reservoir turn off
S7, R2SE, T28S.

3

16925. Stenosiphon
17915 Along roadside.

Onagraceae

July 20, 2003. MO: Newton Co. Park in Neosho.
ca. 0.8 km east of 71 highway.
S19, R31W, T25N.
Along spring fed stream.

1

16926. Betula
17916

2

16927.

17917

2

16928.

17918

1

16929.

17919

Brassicaceae

1

16930. Quercus

17920

Fagaceae

July 20, 2003. MO: McDonald Co. ca. 3.7 Km
 South of 71/B highways. Roadside Park.
 S19, R32W, T23N.

1
16931. Mentha

17921 along stream.

Lamiaceae

July 26, 2003. KS: Crawford County. Just west of
on north side of Quincy Street, in
disturbed area just east of railroad tracks.
S35, R2SE, T30S.

³
16932. Proboscidea louisianica (Mill.) Thell.
17922 Disturbed ground. Pedaliaceae

July 28, 2003: KS: Scott County. Scott State Park ca. 18 km
north of Scott City on west side of Highway 83.
R33W, T16S.
w/ Lorrie Parrish

16933. Physalis
17923 disturbed ground at restrooms. Solanaceae

16934.
17924

16935.
17925

16936.
17926

1
16937.

wet seepage area of spring.

Poaceae

1
16938.
17927wet seepage and in flowing water
of spring.

Scrophulariaceae

1
16939.
17928

along margin of spring.

Lythraceae

2
16940.
17929

Asteraceae

1
16941. Dalea
17930

Fabaceae

July 28, 2003. KS: Grove County. Chalk Pyramids.

with Lorrie Parrish.

1
16942.
179311
17932
~~16943.~~

16944.
17933

16945.
17934

16946.
17935

Fabaceae

July 28, 2003. KS: Wallace County. Disturbed ground
near Oak Tree Motel in Sharon Springs off
Highway 40, ca. 16 miles east of Colorado border.
S27, R40W, T13S w/ Lorrie Parrish

16947.
17936

July 29, 2003. CO: Lincoln County. ca. 24 km west
of Highway 40 off Highway 94. Roadside.

w/ Lorrie Parrish.

16948.
17937

Papaveraceae

1
16949.

17938

Fabaceae

1
16950.

17939

Asteraceae

1
16951.

17940

July 29, 2003. CO: Teller County. Along Pike's Peak
Toll Road (Forest Road 58). Restroom/Trail Area.

w/ Lorrie Parrish

3
16952. Delphinium

17941

Ranunculaceae

2
16953. Solidago

17942

Asteraceae

2
16954.

17943

2
16955. Galium

17944

Rubiaceae

2

16956. Epilobium
17945

Onagraceae

1

16957. Campanula
17946

Campanulaceae

1

16958. Penstemon
17947

Scrophulariaceae =
Plantaginaceae

July 29, 2003. CO: Teller County. Pulloff along Pike's Peak
Toll Road (Forest Service Road 58).

w/ Lorrie Parrish

1
16959. Achillea
17948

Asteraceae

1
16960.
17949

Geraniaceae

1
16961.
17950

Gentianaceae

1
16962.
17951

1
~~16963.~~
 17952

2
~~16964.~~
 17953

Asteraceae

1
~~16965.~~
 17954

1
~~16966.~~ Gilia
 17955

Polemoniaceae

1
~~16967.~~ Solidago
 17956

Asteraceae

1
~~16968.~~ Galium
 17957

Rubiaceae

1
~~16969.~~ Campanula
 17958

Campanulaceae

1
~~16970.~~ Allium
 17959

Liliaceae = Alliaceae

1
~~16971.~~
 17960

16972.
17961

Boraginaceae

16973.
17962

16974.
17963

Asteraceae

16975.
17964

July 29, 2003. CO: El Paso County. Ca. 3.5 road miles
from Summit of Pike's Peak.

w/ Lorrie Parrish

Alpine.

16976. Mertensia
17965

Boraginaceae

16977.
17966

16978.
17967

1
~~16979.~~

17968

1
~~16980.~~ Castilleja

17969

Scrophulariaceae = Plantaginaceae

1
~~16981.~~

17970

July 30, 2003. CO: Boulder County. ca. 20 km Southeast
of Nederland along highway 72.

w/ Lorrie Parrish.

2
~~16982.~~ Erigeron

17971

1
~~16983.~~

17972

1
~~16984.~~ Gilia

17973

Polemoniaceae

1
~~16985.~~

17974

Asteraceae

¹
~~16986~~ . Potentilla
 17975

Rosaceae

¹
~~16987~~ . Penstemon
 17976

Scrophulariaceae = Plantaginaceae

¹
~~16988~~ . Penstemon
 17977

Scrophulariaceae = Plantaginaceae

¹
~~16989~~ . Penstemon
 17978

Scrophulariaceae = Plantaginaceae

¹
~~16990~~ . Gaillardia
 17979

Asteraceae

²
~~16991~~ .
 17980

Asteraceae

July 30, 2003. CO: Larimer County. Along Trail Ridge road in Rocky Mountain National Park. Between junctions 34/36 and Trail Ridge High Point Visitor's Center.

w/ Lorrie Parrish.

²
~~16992~~ .
 17981

1
16993. Mertensia

17982

Boraginaceae

1
16994.

17983

Asteraceae

2
16995.

17984

1
16996. Castilleja

17985

Scrophulariaceae =

Plantaginaceae

1
16997.

17986

1
16998. Lupinus

17987

Fabaceae

1
16999. Populus

17988

Salicaceae

2
17000. Phacelia

17989

1
17001. Mertensia

17990

Boraginaceae

1
17002.
17991

1
17003.
17992

Apiaceae

1
17004.
17993

Asteraceae

1
17005. Castilleja
17994

Scrophulariaceae = Plantaginaceae

2
17006. Penstemon
17995

1
17007. Erigeron
17996

Asteraceae

July 30, 2003. CO: Grand County. Between Continental Divide and where highway 34 crosses Onahu Creek.

w/ Lorrie Parrish

1
17008. Senecio
17997

Asteraceae

²
17009. Pedicularis

17998

Scrophulariaceae = Plantaginaceae

¹
17010.

17999

Polemoniaceae

³
17011. Castilleja

18000

Scrophulariaceae = Plantaginaceae

¹
17012. Pedicularis

18010

Scrophulariaceae = Plantaginaceae

¹
17013. Erigeron

18011

Asteraceae

¹
17014.

18012

¹
17015.

18013

Scrophulariaceae = Plantaginaceae

¹
17016. Lupinus

18014

Fabaceae

²
17017. Lupinus

18015

Fabaceae

1
~~17018~~. Salix
 18016

Salicaceae

1
~~17019~~.
 18017

Asteraceae

1
~~17020~~.
 18018

Asteraceae

1
~~17021~~. Penstemon
 18019

Scrophulariaceae = Plantaginaceae

1
~~17022~~. Castilleja
 18020

Scrophulariaceae = Plantaginaceae

July 30, 2003. CO: Grand Co. Between Onahu Creek and
 entrance to Grand Lake area.

w/ Lorrie Parrish

1
~~17023~~. Trifolium
 18021

Fabaceae

1
~~17024~~.
 18022

17025. Galium

18023

Rubiaceae

17026. Erigeron

18024

Asteraceae

17027. Campanula

18025

Campanulaceae

July 30, 2003. CO: Grand County. Along highway 34
between Lake Grandby and junction
highways 34/40.

w/ Lorrie Parrish

17028. ~~XXXXXX~~ Lupinus

18026

Fabaceae

17029. Astragalus

18027

Fabaceae

July 30, 2003. CO: Clear Creek County. Disturbed
Ground at Georgetown on north side of
Clear Creek.

w/ Lorrie Parrish

3

17030. Clematis
18028

Ranunculaceae

1

17031.
18029

Caryophyllaceae

1

17032. Linaria
18030

Scrophulariaceae = Plantaginaceae

1

17033.
18031

Asteraceae

1

17034.
18032

July 31, 2003: CO: Park County. ca. 2.5 km northwest
of junction hiways 9/285. Along roadside
of highway 9.

w/ Lorrie Parrish

1

17035.
18033

Asteraceae

1

17036.
18034

Poaceae

1
17037.
18035

Asteraceae

1
17038.
18036

Asteraceae

1
17039.
18037

Asteraceae

2
17040.
18038

July 31, 2003. CO: Fremont County. On road to
Royal Gorge (3A) and on west side
of gorge.

w/ Lorrie Parrish

1
17041. Juniperus
18039

1
17042.
18040

Brassicaceae

1
17042a. Pinus
18040a. "Pinyon Pine"

August 1, 2003. KS: Clark County. Jacob's Well.

w/Lorrie Parrish

1
17043.
18041

Asteraceae

1
17044.
18042

1
17045.
18043

17046.
18044

August 1, 2003. KS: Clark County. ca. 8.0 Km west
of Ashland on north side of highway 160.

1
17047.
18045

Bignoniaceae

March 20, 2004.

²
~~18046~~. Ulmus
18046

Ulmaceae

²
~~18047~~. Acer
18047

¹
~~18048~~. Taxodium
18048

¹
~~18049~~. Acer
18049

¹
~~18050~~. Betula
18050

Betulaceae

March 22, 2004. KS: Crawford County. Wilderness Park.

¹ 18051
~~18052~~. Homomallium adnatum
On ss boulder.

~~17052~~. Leucodon julaceus
18052 On branch of dead tree.

17055. Brachythecium oxycladon
18053 On soil along Casselleto trail.

17056. Ditrichum pallidum
18054 Along Casselleto Trail.

17057. Leskea gracilescens
18055 On hardwoods.

17058. Bryum pseudotriquetrum
18056 On disturbed soil

2
17059. Physomitrium pyriforme
18057 On soil near pit.

17060. Frullania inflata
18058 On elm.

17061. Leskea obscura
18059 On elm.

17062. Orthotrichum pusillum
18060 On hackberry mixed w/ platygirium repens

1
17063. Platygyrium repens
18061 On hackberry.

March 23, 2004. KS: Cherokee County. Spring River
Wildlife Area.

w/Lorrie Parrish

1
17064. Aulacomnium
18062 On ss along intermittent stream.

1
17065. Brachythecium
18063 On verticle ss along intermittent stream.

2
17066. Bartramia
18064 On verticle ss along intermittent Stream

1
17067.
18065 Surfacing ss in Oak woods.

1
17068. Plagiomnium
18066 On vertical ss along intermittent Stream.

1

~~17069.~~

18067 On surfacing SS in open area of oak woods.

2

17070. Leucobryum

18068 On soil in oak woods.

2

~~17071.~~

18069 On disturbed soil near entrance.

3

~~17072.~~ Polytrichum

18070 On surfacing SS of open oak woods.

1

~~17073.~~ Reboulia

18071 On vertical SS along stream.

2

~~17074.~~ Plagiomnium

18072 On soil over SS along intermittent stream.

1

~~17075.~~ Frullania18073 On branches of Quercus overhanging intermittent stream.

1

~~17076.~~

18074 On soil of disturbed ground.

1

~~17077.~~ Thuidium

18075 On soil along intermittent stream in rocky oak woods.

3

17078. Polytrichum

18076 On disturbed soil near entrance.

1

17079. Leucodon julaceus18077 On branch of Quercus in low woods.

3

17080

18078 On wet rocks in intermittent stream.

2

17081.

18079 On soil at base of Quercus in woods.

1

17082. Ditrichum

18080 On soil of upland oak woods.

3

17083. Asterella tenella

18081 On disturbed open soil at entrance. Abundant

1

17084. Atrichum

18082 On soil in oak woods.

2

17085.

18083 On soil over surfacing SS at edge of intermittent stream; open area.

3

~~17086.~~

18084

On surfacing SS in oak woods.

3

~~17087.~~

18085

On wet soil at edge of intermittent stream; open area

3

~~17088.~~

18086

1

~~17089.~~

18087

On elm in open area.

1

~~17090~~

18089

On wet shale at base of vertical SS ~~at~~ along intermittent stream.

1

~~17091~~

18090

On wet shale at base of vertical SS along intermittent stream.

3

~~17092~~

18091

On wet shale at base of vertical SS along intermittent stream.

2

18092

~~17093.~~

Attached to rock in intermittent stream in woods.

2

18093

~~17094.~~

On surfacing SS along intermittent stream.

1

~~17095.~~

18094

On surfacing SS in oak woods near intermittent stream.

3

~~17096.~~ Thelia lescunii Sull.

18095

On surfacing SS near intermittent stream in open.

4

~~17097.~~

18096

On surfacing SS along intermittent stream; open area

1

~~17098.~~

18097

On rotting log in low oak woods.

1

~~17099.~~

18098

On disturbed soil at entrance to area.

2

~~17100.~~

18099

On roots and soil of vertical SS along intermittent stream.

1

~~17101.~~

18100

On Vitis liana in bottomland forest.

1

~~17102.~~ Hedwigia

18101

On surfacing SS near intermittent stream.

1

~~17103.~~

18102

On base of Quercus in rocky oak woods.

2

17104.

18103 On wet soil along intermittent stream.

1

17105.

18104 On wet soil along intermittent stream in open.

1

17106.

18105 On disturbed soil near entrance to area.

1

17107.

18106 On moist soil over vertical SS next to intermittent stream.

1

17108

18107 At base of Quercus near intermittent stream in rocky woods.

2

17109.

18108 On rock in intermittent stream.

1

~~17110~~ Fissidens subbasilaris Hedw.

Fissidentaceae

18109 On Quercus near stream.

2.

17111.

18110 On rotting log.

2
 17112. Anomodon
 18111 On soil over ss.

2
 17113.
 18112 On rock in intermittent stream.

17114. Fissidens
 18113 On soil along intermittent stream.

1
 17115. Plagiomnium
 18114 on wet soil at margin of intermittent stream.

3
 17116. Conocephalum conicum
 18115 On wet soil over ss along intermittent stream.

1
 17117. Frullania
 18116 On Quercus in rocky oak woods.

2
 17118. Anomodon
 18117 On cedar in rocky oak woods.

1
 17119.
 18118 On thin soil over ss in open area.

1
 17120. Frullania
 18119 On bark of elm in low bottomland forest.

2

17121.

18120

On wet rock in intermittent pools of open area.

→ KS: Crawford Co., PSU Greenhouse.

March 23, 2004. Lunularia cruciata (L.) Dumort. Lunulariaceae.

18120a. In pots.

March 24, 2004. Missouri:
Park.

Noel City

17122. Anomodon minor (Hedw.) Furrer.

18121 On elm in woods east of parking area.

17123. Phacelia purshii:

18122 In woods east of parking area and north of Elk River.

April 3, 2004. KS: Cherokee County. Spring River Wildlife Area.

w/ Lorrie Parrish

3

18123. Reboulia hemisphaerica

On soil of road cut.

1
18124.

On soil beneath grasses in open area.

2
18125.On soil beneath grasses in open area. Anthocerotophyta
mixed w/ Asterella tenuella1
18126.

On soil near intermittent stream, in open.

1
18127. Bryum argent

On surfacing sandstone near entrance, open.

1
18128.

Beneath grasses in open area.

1
18129.

Beneath grasses in open area.

1
18130

Beneath grasses in open area.

2.
18131

On sandy soil along intermittent stream.

1
18132. OrthotrichumOn Quercus

Open woods near entrance.

18133.

Beneath grasses of native prairie (abundant Rubus sp. and
Rhus sp.)

4

18134. Sphaerocarpus

On soil of milo field.

1

18135. Riccia

On soil of Milo field.

1

18136.

On soil of milo field.

2.

18137

Bank of intermittent stream.

2

18138.

Beneath grasses of native prairie.

1

18139.

Beneath grasses of native prairie.

1

18140.

Soil along intermittent stream near woods and prairie.

1

18141. Fissidens

On rock in intermittent stream near woods and prairie.

¹
18142. Fossombronia

On soil beneath grasses of prairie.

²
18143. . .

Attached to rock in intermittent stream near woods and prairie.

²
18144.

On moist soil near stream in woods at entrance.

²
18145.

Attached to rocks in intermittent stream.

²
18146.

²
18147. Celtis

²
18148. Sassafras

²
18149. Prunus

²
18150.

1
18151.

Brassicaceae

18152.

18153.

April 11, 2004. KS: Cherokee County. Spring River Wildlife Area.

1
18154.

On trunk of Quercus. ^{S11} ~~S10~~

2
18155.

On disturbed soil of parking area. S10

2
18156.

On disturbed soil of parking area.

5
18157. Asterella tenella

On disturbed soil along entrance trail; S11

2

18159.

3

18160.

On soil of burned field.

2

18161. Fissidens

4

18162. Sphaerocarpos

On disturbed soil of fallow milo field.

2

18163. ♂

On Quercus in woods.

1

18164.

Base of Quercus.

1

18165.

On soil of burned field.

1

18166.

On soil of burned field.

1

18167.

On soil among grasses.

¹
18168.

On soil north of intermittent stream,

²
18169.

on soil among grass north of intermittent stream.

¹
18170.

On soil of old road bank.

³
18171.

On soil of old road bank.

April 13, 2004. KS: Cherokee County, Spring River Wildlife Area.

²
18172.

On Quercus marilandica in oak/hickory woods.

³
18173. Atrichum

On soil beneath oaks of upland woods.

¹
18174. Frullania

On Prunus serotina.

1
18175.

On surfacing Sandstone.

3
18176. Polytrichum

On soil below oaks in oak/hickory woods.

2
18177.

On soil among grasses of old field.

3
18178.

On wet overhanging sandstone of verticle bluff.

5
18179. Aulacomnium heterostichum

On soil over sandstone of verticle bluff.

1
18180. On

On soil over sandstone at entrance.

2
18181.

On wet rocks in and at edge of intermittent stream.

1
18182. Ditrichum pallidum (Hedw.) Hampe

On sandstone of overhang of verticle bluff.

1
18183.

On wet shale below sandstone bluff.

¹
18184.

On surfacing sandstone.

³
18185. Callitriche

On soil of vehicle tracts through native prairie.

⁴
18186.

On rotting wood on east side of intermittent stream.

¹
18187.

On Ulmus

²
18189.

Floating in intermittent stream.

¹
18190.

In prairie.

Tridaceae

¹
18191. Viola

In prairie.

Violaceae

¹
18192. Ribes.

In oak/hickory woods.

¹
18193. Claytonia virginica

In prairie.

- 1
18194. Viola
In oak/hickory woods. Violaceae
- 1
18195. Viola
In oak/hickory woods. Violaceae
- 1
18196. Selen
In fallow milo field. Brassicaceae
- 1
18197. Corydalis
In oak/hickory woods. Fumariaceae
- 2
18198.
On soil in fallow milo field.
- 1
18199. Morus
Edge between oak/hickory woods and fallow field. Moraceae
- 1
18200. Carex meadi
Open oak/hickory woods.
- 2
18201 Chaerophyllum
Oak/hickory woods. Apiaceae
- 1
18202.
Fern.

- ²
18203. Dicentra
East-facing slope in oak/hickory woods. Fumariaceae
- ²
18204.
Abundant on east-facing oak/hickory wooded slope. Fern.
- ¹
18205. Cardamine
East-facing wooded slope and bottomland woods. Brassicaceae
- ¹
18206.
Open woods east of intermittent stream. Asteraceae
- ²
18207.
On sandy soil of open woods east of intermittent stream.
- ¹
18208. ~~Antennaria~~ Antennaria
On sandy soil of open woods east of intermittent stream.
- ²
18209. Quercus
Oak/hickory woods near entrance.
- ²
18210.
On road bank east of entrance. Fern.
- ²
18211. Corydalis
On ditch of road east of entrance. Fumariaceae

- 1
18212. Quercus
Oak/hickory woods. Fagaceae
- 1
18213.
In fallow field. Caryophyllaceae
- 2
18214.
In fallow field. Brassicaceae
- 2
18215. Viola
Oak/hickory woods just SE of entrance.
- 1
18216. Ranunculus
Prairie.
- 1
18217.
In fallow field. Brassicaceae
- 1
18218.
In fallow field. Caryophyllaceae
- 1
18219. Grydalis
In oak/hickory woods.
- 1
18220. Pedicularis canadensis
In prairie. Plantaginaceae

2

18221. Ulmus

Edge between woods and fallow field.

Ulmaceae

2

18222. Celtis

Edge between woods and fallow field.

2

18223.

In water (temporary) at edge of field and wooded strip.

Brassicaceae

2

18224. Carex meadi

In prairie.

1

18225. Nothoscordum bivalve

Prairie.

Alliaceae

1

18226.

Oak/hickory woods (rocky).

April 18, 2004. KS: Crawford County. Pittsburg.

1

18227. FraxinusCorner of 18th & 1st

1
18228. Quercus

1706 N. Locust.

1
18229. Betula

April 20, 2004. KS: Crawford Co.

Fallow field.

1
18230.

1
18231

April 24, 2004. MO: St. Genevieve Co. ca. 4.0 km northeast of
St. Genevieve/St. Francois County line. Sec. 19, 20, 29 + 30,
R7E, T36N.

Rocky upland woods and deep sandstone ravine.
w/ L. Parrish

2
18232.

On soil below overhanging ledge.

18233.

On soil over SS of overhang.

18234. Leucobryum

On soil over SS of overhang.

18235.

On soil over SS of overhang.

18236. Anomodon

On base of Quercus.

18237. Sphagnum

Bank along Pickle Creek and over sandstone along creek.

18238.

On soil at base of dripping sandstone bluff.

18239.

On soil over sandstone.

18240. Phl

On wet soil over shaded sandstone.

18241.

On wet soil over sandstone.

²
18242. Fissidens

On soil over sandstone boulder at Pickle Creek Bridge.

³
18243.

On small portion of old rotting log near Cauliflower Rocks.

¹
18244.

On wet rotting log.

¹
18245.

On soil over sandstone.

⁴
18246.

On soil over shaded sandstone.

²
18247. Climacium americanum

On wet soil below sandstone ledge of bluff

¹
18248.

On wet soil below sandstone ledge of bluff.

¹
18249.

On log.

¹
18250

On wet soil over sandstone.

1
18251.

On wet soil over sandstone.

2
18252. Bryoandersonia illecebra
On soil over sandstone.

1
18253.

On soil over sandstone.

Mniaceae

1
18254. Dicranum
On soil over sandstone.

1
18255. Hedwigia ciliata
On sandstone boulders.

2
18256.
On soil over sandstone.

1
18257.

On soil over sandstone boulders.

mniaceae

5
18258. Polytrichum
On soil of sandstone ledge.

Polytrichaceae

4.
18259. Leucobryum
On soil of sandstone ledge.

Leucobryaceae

4

18260.

On wet soil over sandstone along Pickle Creek.

6

18261.

On wet soil below overhanging ledge of bluff.

18262. Conocephalum conicum

On wet soil below overhanging ledge of bluff.

3

18263.

On wet soil below overhanging sandstone ledge of bluff.

3

18264.

On wet sandstone ledge of bluff.

3

18265.

On soil over sandstone ledge.

2

18266 Fissidens

On wet sandstone boulder at edge of Pickle Creek.

3

18267. Frullania

On wet sandstone boulder at edge of Pickle Creek.

2

18268. Sphagnum

Growing over sandstone ledge at edge of Pickle Creek.

¹
18269.

On soil over shaded sandstone ledge.

¹
18270. Polytrichum

On soil in upland oak/hickory woods.

⁴
18271.

On wet soil along Pickle Creek.

²
18272. Sphagnum

On soil at edge of Pickle Creek.

²
18273. Sphagnum

On soil at edge of Pickle Springs.

⁴
18274. Sphagnum

On soil at edge of Pickle Springs

⁶
18275. Tricochlea tomentella

On sandstone at base of bluff.

³
18276.

On wet sandstone at base of bluff.

²
18277.

On wet soil near falls.

¹
18278. Calyptogeia fissca (L.) Radd.
On wet soil at base of bluff.

³
18279.
On soil in upland woods.

¹
18280.
On shaded soil over sandstone.

¹
18281. Tetraphis
On ledge of sandstone bluff.

¹
18282.
On ledge of sandstone bluff.

¹
18283.
On ledge of sandstone bluff.

¹
18284 Philonotis longiseta (Michx.) Britt. Bartramiaceae
On soil over ledge of sandstone bluff.

¹
18285. Radula obconica Sull. Radulaceae
On soil over ledge of sandstone bluff.

¹
18286. Calyptogeia muelleriana (Schiffn.) K. Muell. Calypogeiaceae
On soil over ledge of sandstone bluff.

18287. Philonotis longiseta (Michx.) Britt.
On soil over sandstone.

Bartramiaceae

⁵
18288. Anomodon
At base of Quercus.

18289. Tetraphis
On thin soil over sandstone ledge.

18290.
On thin soil over sandstone ledge.

18291.
On thin soil over sandstone ledge.

²
18292. Bartramia pomiformis
On sandstone ledge.

³
18293.
On soil over ~~the~~ sandstone ledge.

⁴
18294. Hypnum
On thin soil over sandstone.

³
18295.
On log.

4

18296.

On rotting wood below overhanging ledge.

1

18297. Thelia

On rotting wood.

1

18298.

On rotting wood.

1

18299.

On rotting wood.

5

18300.

On sandstone rock below overhang
(and soil).

4

18301. Sphagnum

On soil along Pickle Creek.

3

18302.

On wet soil at base of bluff.

1

18303

Base of Quercus

1

18304. Osmonda cinnamomea L.

Osmundaceae

Along side Pickle Creek at bottom of ravine.

18305. Viola macloskeyi F.E. Lloyd. Violaceae
Aquatic at edge of Pickle Creek at bottom of ravine.

18306. Dryopteris intermedia (Muhl.) A. Gray Dryopteridaceae
Base of shaded sandstone ledge.

18307.

18308. Acer
Southerly slope near base of ravine.

18309. Polystichum acrostichoides (Michx.) Schott. Dryopteridaceae
Rocky wooded south slope.

18310.

18311. Quercus Cyperaceae
Upland, rocky woods. Fagaceae

18312. Ulmus alata Michx. Ulmaceae
Upland rocky woods.

18313. Saxifraga Saxifragaceae
On thin soil over shaded sandstone ledges.

18314. Adiantum pedatum L.
Above Pickle Springs along trail.

18315. Pteridium aquilinum (L.) Kuhn
Rocky wooded south slope.

18316. Carya
Upland rocky woods.

18317. Carya
Upland rocky woods.

18318. Hieracium
upland rocky woods.

Saxifragaceae

18319. Amelanchier
Upland rocky woods.

Rosaceae

18320. Vaccinium
Upland rocky woods.

Ericaceae

18321. Ranunculus

Edge of trail and woods at entrance. Ranunculaceae

18322. Polypodium

On large shaded boulder along Pickle Creek.

18323. Quercus.

On sandstone glade just west of
entrance to trail.

¹
18324.

On sandstone glade west of trail entrance.

April 26, 2004. KS: Cherokee Co. ca. 2.4 km north of
Bethel Road on east side of 69 highway.
Fallow corn field.
w/ Lorrie Parrish

¹
18325. Sphaerocarpus michelii Sphaerocarpaceae

April 26, 2004. KS: Cherokee County. Spring River
Wildlife Area.

¹
18326.

On soil at edge of surfacing sandstone.

³
18327.

On soil along intermittent stream.

¹
18328.

On soil at edge of surfacing sandstone.

¹
18329.

On soil beneath grasses of old field.

¹
18330

On soil beneath grasses of old field.

²
18331. Fossombronig brasiliensis

On soil beneath grasses of old field.
mixed with Anthoceros laevis

⁵
18332. Anthoceros laevis

On soil beneath grasses of old field; mixed
with Fossombronig brasiliensis.

²
18333. Anomodon minor
On cedar.

⁴
18334. Thelia

On thin soil over sandstone.

³
18335.

Attached to rocks in intermittent stream. CP459

²
18336.

On sandstone in dry rocky upland woods. CP463

³
18337.

Attached to rock in intermittent stream. CP462

18338.

On soil at edge of trail near entrance.

18339.

On soil over sandstone at margin of intermittent creek.

18340.

On decaying log in dry woods. CP464

April 26, 2004. KS: Cherokee County. Fallow corn field
ca. 2.4 km north of Bethel Road on east side
of 69 highway.

18341.

18342.

April 26, 2004. KS: Crawford County. Fallow soybean
field on southside of McKay St. ca 0.5 Km ~~east~~^{west}
of 69 highway.

18343.

On soil.

¹
18344. Sphaerocarpus michelii
on soil.

¹
18345.
On soil.

18346.
On soil.

April 27, 2004: KS: Cherokee County. Spring River Wildlife Area.

²
18347. Prunus

²
18348. Carya

¹
18349.

18350. Quercus

18351. Quercus

18352.

18353. Quercus

18354.

Along Stream.

18355. Nu Hui

18356. Antennaria

18357.

18358. Rumex

18359.

Poaceae

¹
18360.

Rosaceae

¹
18361.

Apiaceae

²
18362. Packera

Asteraceae

³
18363. Delphinium
In low woods.²
18364.

Poaceae

¹
18365. Botrychium¹
18366. Botrychium²
18367.¹
18368. Phlox²
18369.

²
18370.

²
18371

²
18372. Plantago

²
18373.

¹
18374.

¹
18375.

Brassicaceae

²
18376.

18377.

Brassicaceae

¹
18378.

²
18379. Quercus

²
18380.

¹
18381. Carya

¹
18382. Quercus

* See April 30th, 2004 pg. 172.

May 6, 2004: North Carolina - Chowan County.
Along roadsides off highway 32 east/southeast
of Edenton.

¹
18383
Edge of woods.

¹
18384.
Edge of woods

²
18385.
Edge of woods.

³
18386.

Wet ditch.

¹
18387. Salvia lyrata

Open woods and ditch.

Lamiaceae

²
18388. Ranunculus

Wet ditch

Ranunculaceae

²
18389. Vicia grandiflora

Growing over moist soil in ditch.

Fabaceae

¹
18390. Clematis

Growing over moist soil in ditch.

Ranunculaceae

²
18391.

Growing in moist ditch.

Lamiaceae

¹
18392. Oxalis

Along roadside.

Oxalidaceae

³
18393.

Wet ditch.

²
18394.

Roadside

Liliaceae

- ²
18395. Packera
Roadside. Asteraceae
- ³
18396.
Roadside. Poaceae
- ¹
18397. Potentilla
Roadside Rosaceae
- ¹
18398
Roadside. Iridaceae

May 6, 2004: North Carolina - Chowan County.
Marshy roadside off Business 17 at west
edge of Edenton.

¹
18399.
wet ditch.

¹
18400.
wet ditch.

²
18401. Iris
Marshy roadside. Iridaceae

¹
18402.

Poaceae

³
18403.

¹
18404.

Edge of woods.

Asteraceae

²
18405. Ranunculus
In wet ditch.

Ranunculaceae

¹
18406.

Edge of wet ditch.

Ranunculaceae

May 6, 2004. North Carolina - Chowan County. Yard at C. Y.
Parrish residence.

¹
18407. Ilex

18407 A. Physalis

May 7, 2004. North Carolina

w/ Marcia Anderson

¹
18408.

Edge of woods.

Ericaceae

²
18409.

Edge of woods.

¹
18410.

Open woods.

¹
18411. Viburnum

Edge of woods.

Caprifoliaceae

¹
18412.

Roadside

¹
18413. Betula

Edge of woods.

Betulaceae

¹
18414. Ranunculus

Roadside.

Ranunculaceae

³
18415. Cladastris lutea
Edge of woods.

Fabaceae

³
18416.
Edge of woods.

May 8, 2004. Missouri: Stoddard County.
Mingo Wildlife Refuge. Near Idlewild on ~~east~~ ^{west} side
of Highway 51. T27N, R9E S4 1/2.
w/Marcia Anderson

²
18417. Carya
In woods along drive.

Juglandaceae

²
18418. Packera
Roadside and edge of woods.

Asteraceae

²
18419.
Edge of woods.

²
18420.
Edge of woods.

²
18421. Tris fulva Ker.
Wet ditch.

Tridaceae

2

18422. Iris virginica var. shrevei (Sm.) E.S. Anderson
Wet ditch. Iridaceae

* See pg. 181

April 30, 2004. MISSOURI - Barton County. Prairie
State Park.

w/ Lorrie Parrish

3

18423.

On soil among grasses.

2

18424. Physcomitrium pyriforme
On soil among grasses.

18425.

On soil among grasses.

Ricciaceae

April 30, 2004. MISSOURI - Barton County. Missouri
Department of Conservation Area.

w/ Lorrie Parrish

2

18426. Riccia
On exposed soil.

Ricciaceae

²
18427. Sphaerocarpos texanus

On exposed soil.

Sphaerocarpaceae

²
18428.

On exposed soil.

April 30, 2004. KANSAS - Cherokee County. Spring River
Wildlife Area.

w/ Lorrie Parrish.

18429.

On ulmus

May 11, 2004. Missouri: Ste. Genevieve County.

Pickle Springs Natural Area. Ca. 1.9 km east of
highway 32 and ca. 0.4 km north of route AA.

Deep sandstone canyon. T36N, R7E S19, 29
and 30.

w/ Lorrie Parrish.

¹
18430. Odontoschisma prostratum (Sw.) Trev.

On wet, shaded sandstone ledge. Cephalaziaceae
mixed with Diplophyllum.

- 1 ✓
18431. Diplophyllum apiculatum (Evans) Steph. Scapaniaceae
On wet, shaded sandstone ledge. Mixed w/ Odontoschisma prostratum
- 1 ✓
18432. Cephaloziella byssacea (Roth.) Warnst. Cephaloziellaceae
On wet, shaded sandstone ledge.
- 3
18431a Campylium hispidulum (Brid.) Mitt. Amblystegiaceae
On rotted log.
- 3 ✓ ✓
18432a Dicranum condensatum Hedw. Dicranaceae
On soil over sandstone at overlook.
- 3 ✓
18433. Conocephalum conicum (L.) Underwood
On wet sandstone overhang. Conocephalaceae
- 2
18434. _____
On wet sandstone overhang.
- 3 ✓
18435. Pellia epiphylla (L.) Gorda
On soil over sandstone. Pelliaceae
- 1 ✓
18436. Scapania undulata (L.) Dumort. Scapaniaceae
On wet sandstone.
- 1 ✓
18437. Diphyscium foliosum (Hedw.) Mohr
Very wet overhang. Diphysciaceae

- 2 ✓
18438. Cephalozia bicuspidata (L.) Dum. Cephalозиaceae
On very wet sandstone overhang.
- 2 ✓
18439. Calypogeia muelleriana (Schiffn.) K. Muell.
On very wet sandstone overhang. Calypogeiaceae
- 4 ✓
18440. Sphagnum subsecundum Nees in Sturm var. subsecundum
Wet soil over sandstone along Pickle Creek. Sphagnaceae
- 2 ✓
18441. Diplophyllum apiculatum (Evans) Steph.
On rotting wood. Scapaniaceae
- 1 ✓
18442. Anomodon rostratus (Hedw.) Schimp.
On underside of overhang. Anomodontaceae
- 1 ✓
18443. Scapania nemorosa (L.) Dumort.
On moist vertical sandstone. Scapaniaceae
- 2 ✓
18444. Leucobryum albidum (Brid. ex P. Beauv.) Lindb. Leucobryaceae
On soil of sandstone ledge. Mixed w/ Scapania nemorosa.
- 3 ✓
18445. Bryum^{cf.} lisa var. cuspidatum (Bruch & Schimp. in b.S.G.) Marg.
On thin soil over sandstone of glade. Bryaceae
- 1 ✓
18446. Radula obconica Sull. Radulaceae
On wet vertical sandstone.
- 18446.a.
On wet vertical sandstone.

- 1
18447. On wet vertical sandstone.
- 2 ✓
18448. Fissidens bushii (Card. & Thér.) Card. & Thér. Fissidentaceae
In woods on soil.
- 1 ✓
18449. Calypogeia muelleriana (Schiffn.) K. Muell. Calypogeiaceae
On wet sandstone, mixed with Leucobryum
18450. Sphagnum
On wet soil over sandstone along Pickle Creek.
- 1 ✓
18451. Jamesoniella autumnalis (DeCand.) Steph. Jungermanniaceae
On wet sandstone.
- 1 ✓
18452. Dicranum fulvum Hook. Dicranaceae
On thin soil over sandstone.
- 1
18453. In crevice of sandstone overhang.
- 3 ✓
18454. Scapania nemorosa (L.) Dumort. Scapaniaceae
On wet dripping vertical sandstone.
- 1 ✓
18455. Scapania undulata (L.) Dumort. Scapaniaceae
✓ On wet dripping vertical sandstone.
- 18455a. Calypogeia sullivanii Aust. Calypogeiaceae

1
18456.

2
18457.

1
18458. Bot

1
18459.

18460.

18461

1
18462. Heuchera
Dry rocky woods.

18463. Quercus
Rocky woods.

18464.

Psaceal

²
18465.
Along Pickle Springs.

¹
18466. Rhododendron
Near Pickle Creek.

18467.

¹
18468. Asclepias
Dry rocky woods.

³
18469.
Along Pickle Creek.

¹
18470. Quercus
Dry rocky woods.

18471
Upland rocky woods.

²
18472.
Along Pickle Creek.

18473.

Along Pickle Creek.

18474.

Along Pickle Creek.

18475. Potentilla

Base of rocky woody slope. Rosedale

18476.

Base of rocky woody slope.

2

18477.

Soil in depression on Piney Glade.

18478.

Base of sandstone bluff.

18479.

Base of wooded slope.

18480.

Near Pickle Creek.

18481.

Rosedale

18482. Vaccinium

On piney Glade.

²
18483.

Bottom of ravine near Pickle Creek.

18484.

Rocky woods.

18485.

Rocky woods.

18486.

18487.

Soil over dry open sandstone.

May 8, 2004. Missouri: Stoddard County. Mingo Wildlife
Refuge - See pg. 171.

18488,

18489.

18490.

18491.

May 18, 2004. Kansas: Crawford County.

Along roadside.

18492. Allium

May 18, 2004. Missouri: Phelps County. Deteriorated
glade at edge of oak/Hickory woods.
Off blacktop road running parallel with I44, off
highway E (NE). T37N, R8W S2.
w/ Lorrie Parish.

18493.

18494.

18495.

18496. Physocarpus

18497.

Rubiaceae

18498.

Poaceae

18499. Lithospermum

18500.

18501. Galium

18502.

18503.

18504. Rosa

18505.

18506.

18507.

18508. Penstemon

18509. Monarda fistulosa

18510.

18511. Parthenium

18512. Commandra

18513. Oenothera

18514.

September 9, 2004. KS: Crawford Co. ca. 4.8 km
west of highway 69, S20, 21 R24E, T28S.
Roadside.

18515. Cirsium
Asteraceae.

18516. Ambrosia
Asteraceae.

18517.
Asteraceae

²
18518
Asteraceae

18519. Gaillardia
Asteraceae

18520. Parthenium integrifolium
Asteraceae

18521. Xanthium
Asteraceae

²
18522. Bidens
Asteraceae

18523.
Asteraceae

18524. Symphotrichum
Asteraceae

²
18525. Erigeron
Asteraceae

18526. Pleuchara
Asteraceae

18527. Rudbeckia
Asteraceae

18528. Symphotrichum
Asteraceae

18529. Boltonia
Asteraceae

18530. Solidago
Asteraceae

18531. Prenanthes
Asteraceae

18532. Helenium
Asteraceae.

18533.
Asteraceae

18534. Con
Asteraceae

18535. Ambrosia
Asteraceae

²
18536 Iva
Asteraceae

18537. Salidago
Asteraceae

April 10, 2005. KS: Cherokee County. Schermerhorn Park.

18538. Amelanchier arborea (Michx. f.) Fernald
Rosaceae Oak/hickory woods.

18539. Carex
Cyperaceae Oak/Hickory woods.

18540.
Bank of roadcut in oak/hickory woods.

18541.
Oak/hickory woods.

²
18542. Lithospermum arvense L.
Boraginaceae. Base of bluff.

²
18543. Microthlaspi perfoliatum (L.) F.K. Mey
Brassicaceae Disturbed ground.

²
18544. Cerastium fontanum subsp. vulgare (Hartm.)
Caryophyllaceae. Disturbed ground. Greuter & Burdet

18545. Sisyrinchium
Iridaceae. Prairie.

18546. Cardamine concatenata (Michx.) O. Schwarz
Brassicaceae Base of bluff.

³
18547. Ranunculus
Ranunculaceae. Base of west-facing slope.

²
18548. Phlox divaricata subsp. laphamii (A.W. Wood) Wherry
Polemoniaceae. Oak/hickory woods.

²
18549. Dicentra cucullaria (L.) Bernh. Fumariaceae

²
18550. Packera obovata Asteraceae
Base of south slope.

²
18551. Stellaria media (L.) Cyrillo Caryophyllaceae
Disturbed ground.

18552. Thalictrum thalictroides
Ranunculaceae. west-facing oak/hickory slope.

18553. Viola sororia Willd. var. sororia
Violaceae. Base of south-facing slope.

18554. Chaerophyllum
Apiaceae

³
18555. Ribes missouriense Nutt.
Grossulariaceae. Oak/Hickory woods.

²
18556. Sassafras albidum (Nutt.) Nees Lauraceae
Oak/Hickory woods.

April 10, 2005. KS: Cherokee County. Spring River
Wildlife Area.

18557. Trillium sessile L.
Trilliaceae. Floodplain.

²
18558. Enemion biternatum
Ranunculaceae. Floodplain.

²
18559. Prunus angustifolia Marshall Rosaceae
Upland open area.

April 15, 2005. KS: Cherokee County. Schermerhorn Park.

2

18560. Carex

Cyperaceae. Oak/Hickory woods.

3

18561.

Rosaceae

2

18562. Vitis

Vitaceae Oak/Hickory woods.

3

18563. Lindera

Lauraceae Oak/Hickory woods.

2

18564.

Cyperaceae. Base of south-facing slope.

2

18565. Carex

Cyperaceae. Base of south-facing slope.

2

18566. Carex

Cyperaceae. Base of south-facing slope.

2

18567. Quercus

Fagaceae. Wooded Edge near savanna.

2

18568. Carya

Juglandaceae. Oak/Hickory Upland Woods.

2

18569. Quercus

Fagaceae. Oak/Hickory Upland Woods.

2

18570. Fraxinus

Oleaceae. Along trail to cave.

3

18571. Amelanchier arborea

Rosaceae. Along trail to cave.

3

18572. Fraxinus

Oleaceae. Along trail to cave.

18573. Carya

Juglandaceae. Oak/Hickory Woods.

1

18574. Quercus

Fagaceae. Along trail to Savanna.

18575. Fraxinus

Oleaceae. Lowland woods near intermittent stream.

³
18576.

In oak/hickory woods.

¹
18577. Collinsia violacea

In oak/hickory woods

³
18578. Quercus

³
18579. Carex

Edge of woods.

Cyperaceae

²
18580. Ranunculus

Ranunculaceae. In valley.

April 22, 2005. Crawford County, KS. Along hiway
160 ca. 6.0 km west of jct. 160/7.

¹
18581. Lithospermum incisum
Boraginaceae

Apr. 123, 2006. KS: Cherokee County. Schermerhorn Park.

²
18582. Carex
Cyperaceae.

⁴
18583. Carex
Cyperaceae

¹
18584. Trillium
Trilliaceae. Base of slope (west and south).

²
18585
Rosaceae. In valley floodplain.

¹
18586. Asarum canadense
Aristolochiaceae

April 28, 2006. KS: Cherokee County. Schermerhorn Park.

18587. Vicia
Fabaceae. Disturbed ground by picnic shelter.

18588. Trillium

Trilliaceae. West and south slope.

18589. Acer negundo

Base of south slope. Aceraceae (Sapindaceae).

18590. Morus

Moraceae. Base of south slope.

18591. Cercis canadensis

Fabaceae (Caesalpinioideae). Base of south slope.

18592. Sassafras albidum

Lauraceae. Edge of woods at north edge of prairie.

18593. Quercus

Fagaceae. Woods at north edge of prairie/savanna.

18594. Quercus

Fagaceae. Woods at north edge of prairie/savanna.

18595. Sisyrinchium

Iridaceae. In woods.

18596. Quercus

Fagaceae. North edge of prairie/savanna.

- ¹
18597. Fragaria virginica
Rosaceae. In prairie/savanna.
- ²
18598. Carex
Cyperaceae. Along margin of intermittent stream.
- ²
18599. Quercus
Fagaceae. Woods.
- ¹
18600. Pedicularis canadensis
Scrophulariaceae (Plantaginaceae). West slope of woods.
- ²
18601. Hypoxis hirsuta
Hypoxidaceae
- ²
18602.
Orchidaceae
- ²
18603.
Iridaceae
- ¹
18604
Ranunculaceae
- ²
18605 Antennaria
Asteraceae

2

18606. Scutellaria

18606

Lamiaceae

2

18607.

Cyperaceae

1

18608

Cyperaceae

2

18609 Luzula bulbosa (Woods.) Rydb.

In rocky woods.

Cyperaceae

1

18610. Lithospermum arvense

Boraginaceae

1

18611. Podophyllum peltatum

In woods on east slope of savanna.

Berberidaceae

2

18612. Ranunculus

Picnic area.

Ranunculaceae

2

18613.

Disturbed ground.

Caryophyllaceae.

2

18614

Disturbed ground.

Caryophyllaceae

2

18615. Geranium maculatum

west slope north of nature center

Geraniaceae

2

18616 Ranunculus

west slope north of nature center.

Ranunculaceae

2

18617. Erigeron

Ravine.

Asteraceae

2

18618. Heuchera

Edge of rock wall leading to nature center.

Saxifragaceae

2

18619. Ulmus rubra

Disturbed ground.

Ulmaceae

2

18620. Ranunculus

Edge of spring river.

Ranunculaceae

2

18621.

Disturbed ground.

Plantaginaceae (= Scrophulariaceae)

L

18622.

In oak/hickory woods.

18623. Asarum canadense

west and south slopes below nature center.

Aristolochiaceae

2

18624.

Base of south slope below nature center.

Apiaceae

2

18625. Amsonia

Base of south slope below nature center.

Apocynaceae.

1

18626. Vicia

Base of south slope below nature center.

Fabaceae

2

18627. Valer. nella radiata

Along intermittent stream in park.

Valerianaceae

1

18628. Plantago

Along Shoal Creek.

Plantaginaceae

2

18629. Packera

Base of south slope below Nature Center.

Asteraceae

2

18630. Viburnum

Base of south slope east of Nature Center.

Caprifoliaceae

1

18631. Chaerophyllum tainturieri Hook.

Disturbed ground.

Apiaceae

2

18632. Trifolium pratense

Margin of Shoal Creek.

Fabaceae

- 1
18633. Viola
Base of south facing slope below Nature Center. Violaceae
- 1
18634.
Disturbed ground. Brassicaceae.
2.
18635.
Disturbed ground. Poaceae
- 2
18636. Phlox divaricata
Oak/Hickory woods Pokmoniaceae
- 2
18637. Carex cephalophora Willd.
Base of south facing slope. Cyperaceae
- 3
18638. Carex brevior (Dew.) Mack. ex Lunell.
Base of south facing slope. Cyperaceae
- 1
18639. Carya illinoensis (Wang.) K. Koch
Bottomland forest along Shoal Creek. Juglandaceae
- 1
18640.
Disturbed ground. Brassicaceae
- 2
18641. Carex
Near intermittent stream in woods. Cyperaceae

- ²
18642. Ranunculus
Margin of intermittent stream. Ranunculaceae
- ²
18643. Carex
Margin of Shoal Creek. Cyperaceae
- ³
18643. Carex
Margin of intermittent stream. Cyperaceae
18644. Acer negundo
Disturbed ground. Sapindaceae (= Aceraceae)

April 29, 2005. KS: Crawford County.

- ¹
18645. Brassicaceae

April 29, 2005: KS: Crawford County. Wilderness Park.

2

18646. Lindera

Along Casalletto Trail near Cow Creek.

Lauraceae

18647. Chaerophyllum

Margin of woods along trails.

Apiaceae

18648. Asimina triloba

Along trails.

Annonaceae

18649.

Margin of Cow Creek.

18650. Corydalis

Along trail at margins of woods.

Fumariaceae

18651.

Disturbed ground.

Brassicaceae

18652.

Disturbed ground.

Brassicaceae

18653. Ranunculus

Moist area at edge of woods.

Ranunculaceae

2

18654.

Disturbed "prairie" opening.

April 29, 2005. KS: Crawford Co., Along highway 400 ca. —
west of Cherokee (highways 400 & 7).

Prairie roadside.

18655.

April 30, 2005. KS: Cherokee County. Schermerhorn
Park.

Shaded area at edge of savanna.

³
18656. Carex.

Cyperaceae

May 4, 2005. KS: Cherokee County. Schermerhorn
Park.

²
18657.

Base of south facing bluff.

Fabaceae

²
18658 Phytolacca
Along Shoal Creek.

¹
18659.

In woods along Shoal Creek.

May 12, 2005. AL: Mobile County. Daughin Island.

²
18660.

Pine flatwoods.

¹
18661.

Along Bienville Street.

Asteraceae

¹
18662. Cyperus

Ditch along Bienville Street.

Cyperaceae

²
18663. Carex

Ditch.

Cyperaceae

¹
18664.

Audubon Trail.

³
18665.

Audubon Trail

³
18666.

Audubon Trail.

³
18667.

Daughin Island Sea Lab.

Asteraceae

²
18668. Morus

Daughin Island Sea Lab.

Moraceae

²
18669.

Daughin Island Sea Lab.

Moraceae

²
18670.

Ditch.

Cyperaceae

²
18671

Shell Mound Trail

³
18672

Shell Mound Trail

²
18673

Shell Mound Trail

²
18674. Aesculus

Shell Mound Trail

Hippocastanaceae

²
18675. Celtis

Shell Mound Trail

Celtidaceae

2

18677.

Shell Mound Trail

1

18678

Shell Mound Trail

1

18679.

Audubon Trail

1

18680.

Shell Mound Trail.

2

18681

Shell Mound Trail.

4

18682.

Daughin Island Sea Lab.

2

18683. Passiflora lutea

Shell Mound Trail

Passifloraceae

2

18684.

Shell Mound Trail

3

18685.

Edge of Swamp.

2.

18686

Shell Mound Trail.

2

18687.

Shell Mound Trail.

2

18688.

Shell Mound Trail

2.

18689 Campsis radicans

Shell Mound Trail.

2

18690. Gaillardia

Daughin Island Sea Lab.

Asteraceae

May 12, 2005. AL: Mobile County. Along
west of Bayou La Batre.

Road

2

18691. Linum

Along roadside.

Linaceae

2

18692

Evergrown savanna.

2

18693.

Savanna roadside.

1

18694

Savanna roadside.

4.

18695.

Wet ditch.

1

18696.

Open savanna.

Lycopodiaceae

1

18697. Pinus

Savanna.

Pinaceae

2

18698

Along roadside woods.

May 13, 2006. AL: Mobile County. Daughin Island.

2

18699. Cyperus

ditch at edge of pine woods.

Cyperaceae

2

18700.

Daughin Island Sea Lab.

2

18701.

Daughin Island Sea Lab.

Ebenaceae

31

18702.

Along Bienville Street.

1

18703.

Shell Mound Trail.

Asteraceae

1

18704.

Shell Mound Trail.

Brassicaceae

1

18705

Shell Mound Trail.

Brassicaceae

1

18706. Ranunculus.

Shell Mound - depression.

Ranunculaceae.

1

18707 Ranunculus

Shell Mound - depression.

Ranunculaceae

1

18708. Physalis

Shell Mound Trail.

Solanaceae

- 1
18709. Vicia
Shell Mound Trail. Fabaceae
- 1
18710.
Along Bienville Street. Poaceae
2.
18711.
At entrance to Audubon Trail. Apiaceae
- 1
18712.
Roadside along Bienville Street. Asteraceae
- 1
18713.
Roadside along Bienville Street. Fabaceae
- 1
18714.
Roadside along Bienville Street. Tridaceae
- 1
18715
Roadside along Bienville Street. Caryophyllaceae
- 1
18716
Magnolia Park. Poaceae
- 1
18717.
At entrance to Audubon Trail. Apiaceae

2

18718.

At edge of yard along Bienville Street.

2

18719.

Edge of swampy area on
north side of island.

1

18720. Physalis

Roadside along Barcelona Drive.

Solanaceae

2

18721. Magnolia

Roadside along Bienville Street.

Magnoliaceae.

2

18722: Quercus

Daughin Island Sea Lab.

Fagaceae

2.

18723.

Along Audubon Trail near sanddunes.

Ericaceae

1

18724.

In Pine Flatwoods along Audubon Trail.

Lamiaceae

2

18725.

At Airport Marsh.

2

18726: Solidago

Roadside on Omega Street.

Asteraceae

- ²
18727.
Roadside on Chaumont Ave. Brassicaceae.
- ¹
18728. Vicia
Daughin Island Sea Lab. Fabaceae
- ²
18729. Tradescantia
Daughin Island Sea Lab. Commelinaceae
- ¹
18730. Lantana
Daughin Island Sea Lab. Verbenaceae
- ¹
18731. Rosa
Daughin Island Sea Lab. Rosaceae
- ²
18732. Liriodendron
Daughin Island Sea Lab. Magnoliaceae
- ¹
18733. Quercus
Edge of dunes at the Audubon Trail. Fagaceae
18734.
Edge of yard along Houston Place. Asteraceae
- ²
18735. Pinus
Along Audubon Trail. Pinaceae

18736.

On dunes.

May 14, 2005. AL: Mobile County. Along
Road west of Bayou La Batre.

18737.

Edge of Pine/Oak Woods.

18738. Flex opaca

Edge of Pine/Oak Woods.

Aquifoliaceae

18739.

Savanna roadside.

Asteraceae

2
18740. Buchnera

Savanna.

Plantaginaceae (= Scrophulariaceae)

18741. Smilax

Along roadside.

Smilicaceae

18742. Flex

Edge of Pine/Oak Woods.

Aquifoliaceae

2

18743.

Edge of savanna along roadside.

2

18744.

Edge of pine/oak woods.

1

18745.

On Quercus trunk in open oak woods.

1

18746

Edge of pine/oak woods.

2

18747. Agalinis
Savanna.

Plantaginaceae (= Scrophulariaceae)

1

18748. Hypericum
Edge of savanna.

Clusiaceae

1

18749. Smilax
Along roadside.

Smilicaceae

1

18750. Magnolia
Edge of pine/oak woods.

Magnoliaceae

1

18751.
Edge of pine/oak woods.

¹
18752.
Edge of pine/oak woods.

²
18753. Quercus
Edge of pine/oak woods.

Fagaceae

¹
18754. Hypericum
Moist area of savanna.

Clusiaceae

May 14, 2005. AL: Mobile County. Park off Highway 193
just north of bay bridge at Alabama Port.

¹
18755. Vicia
On sandy soil.

Fabaceae

¹
18756. Hydrocotyl
On sandy soil.

Apiaceae

¹
18757. Vicia
Climbing over vegetation.

Fabaceae

¹
18758. Briza
Open sites.

Poaceae

¹
18759. Rubus
Disturbed ground.

Rosaceae

18760.
Along boardwalk.

²
18761. Salix
Marsh

Salicaceae

May 14, 2006. AL: Mobile County. Off dual lane highway
at junction 26.

²
18762. Jel.
Along roadside.

Loganiaceae

18763. Clethra
Along roadside.

May 15, 2005. AL: Mobile County. Park at Alabama
Port.

²
18764.
Wet ditch.

²
18765. Hibiscus
Marsh.

Malvaceae

¹
18766. Asclepias
Edge of marsh.

Asclepidaceae

²
18767.
Marsh.

Liliaceae

¹
18768. Rubus
Edge of woods.

Rosaceae

²
18769. Yucca
Edge of woods near entrance.

May 16, 2005. AL: Mobile County. Daughin Island.

¹
18770
Along Barcelona Drive.

²
18771.
Along Barcelona Drive.

¹ 18772 . 1

Beach area just east of Estuarium.

¹ 18773.

Beach area just east of Estuarium.

Convolvulaceae

¹ 18774.

Along Bienville Blvd.

Brassicaceae

¹ 18775

Edge of woods along Bienville Blvd.

² 18776.

Edge of woods along Bienville Blvd.

² 18777.

Ditch along Bienville Bl.

Cyperaceae

¹ 18778.

Ditch along Bienville Blvd.

Cyperaceae

² 18779 Croton

Beach just east of Estuarium.

Euphorbiaceae

² 18800 Acer

Daphin Island Sea Lab.

Sapindaceae (= Aceraceae)

18801. Acer

Dauphin Island Sea Lab.

Sapindaceae (= Aceraceae)

18802.

Beach just east of Estuarium.

Euphorbiaceae

18803. Paspalum

Along Bienville Blvd.

Poaceae

18804. Helianthus

Roadside along Bienville Blvd.

Asteraceae

18805.

Swampy area at Shell Mound.

18806.

Low area at Shell Mound.

Cyperaceae

18807.

Along trail at Shell Mound.

Asteraceae

18808. Zanthoxylum

Dauphin Island Sea Lab.

Rutaceae

18809.

At Airport Marsh.

Brassicaceae

18810. Cenchrus

At Airport Marsh.

Poaceae

18811.

Dauphin Island Sea Lab.

2

18812

Audubon Trail.

18813.

Beach area just east of Estuarium.

Convolvulaceae

18814. Ilex opaca

Audubon Trail.

Aquifoliaceae

18815. Sagittaria

Ditch along Chenault Ave.

18816

Dauphin Island Sea Lab.

18817 Paspalum

Along Rt. Charlotte Ave.

Poaceae

18818. Opuntia

Between Dauphin Island Sea Lab and Ft. Gaines.

Cactaceae

1
18819.

Dauphin Island Sea Lab.

Ebenaceae

1
18820.

Audubon Trail.

1
18821. Quercus

Audubon trail.

Fagaceae

2
18822.

Dauphin Island Sea Lab.

1
18823.

Audubon Trail.

Euphorbiaceae

1
18824.

Audubon Trail.

1
18825.

Audubon Trail.

1
18826. Spiranthes

... Along Bienville Blvd.

Orchidaceae

1
18827. Quercus

Audubon Trail

Fagaceae

18828.

Dauphin Island Sea Lab.

18829.

Audubon Trail.

18830. Prunus

Edge of woods along Bienville Blvd.

Rosaceae

18831. Magnolia

Along Bienville Ave.

Magnoliaceae

18832. Quercus

Along Bienville Ave.

Fagaceae

18833. Quercus

Along Bienville Ave.

Fagaceae

18834. Quercus

Along Bienville Ave.

Fagaceae

18835. Magnolia

Along Bienville Ave.

Magnoliaceae

May 18, 2005. AL: Mobile County. Dauphin Island.

³
18836.

Audubon Trail.

Smilicaceae

18837. Ilex

Audubon Trail.

Aquifoliaceae

May 18, 2005. AL: Mobile County. Along Tiger Road
West of Bayou La Batre.

²
18838

Swampy roadside.

²
18839.

Roadside.

²
18840. Scutellaria

Roadside savanna

Lamiaceae

¹
18841. *Symphoricarpon*
Roadside savanna.

Asteraceae

³
18842.
Roadside; Edge of woods.

²
18843.
Roadside; Edge of woods.

³
18844.
Savanna.

¹
18845.
Wet ditch.

Lamiaceae

¹
18846. *Lonicera japonica*
Along roadside; growing over vegetation.

Caprifoliaceae

May 18, 2005. AL: Mobile County. Dauphin Island.

¹
18847. *Cenchrus*
Open woods at edge of dunes.

Poaceae

1
18848.

Along Bienville Blvd.

Asteraceae

1
18849. Rumex

Along Bienville Blvd.

Polygonaceae

1
18850. Ludwigia

Wet ditch along Chenault Ave.

Onagraceae

1
18851.

Along Conde Ave.

Verbenaceae

2
18852. Polygala

Audubon Trail.

Polygalaceae

2
18853.

Along Bienville Blvd.

1
18854. Oenothera

Dauphin Island Sea Lab.

Onagraceae

1
18855.

Along Grant St.

Lamiaceae

1
18856.

Along Bienville Blvd.

Euphorbiaceae.

1
18857.

Entrance to Audubon Trail.

- Apiaceae.

1
18858.

Edge of woods along Bienville Blvd.

Lamiaceae

2
18859.

Dauphin Island Sea Lab.

2
18860.

Shell mounds.

2
18861. Carya
Shell mounds.

Juglandaceae

1
18862. Solanum
Airport marsh.

Solanaceae

2
18863

Woods along General Wilkinson Place.

1
18864.

Shell mounds.

1
18865. Oenothera

Along Ft. Conde St.

Onagraceae

- ¹ 18866. Along Bienville Blvd. Asteraceae
- ¹ 18867. Along Bienville Blvd. Apiaceae
- ¹ 18868. Plantago Along Bienville Blvd. Plantaginaceae
- ² 18869. Platanus occidentalis Dauphin Island Sea Lab. Platanaceae
- ⁴ 18870. Erythrina Edge of woods near entrance to Golf Course. Fabaceae
- ² 18871. Along Bienville Blvd. Asteraceae
- ³ 18872. Ditch along Apalache Ave. Poaceae
- ¹ 18873. Along Bienville Blvd.
- ³ 18874. Hypericum Open woods along Apalache Ave. Clusiaceae

1
18875.

Along Bienville Blvd.

2
18876. Ilex

Audubon Trail.

Aquifoliaceae

1
18877.

Along Bienville Blvd.

Asteraceae

1
18878. Festuca

Dauphin Island Sea Lab.

Poaceae

2
18879.

Along Bienville Trail.

Poaceae

2
18880 Verbena

Along Bienville Blvd.

Verbenaceae

1
18881.

Near entrance to Audubon Trail.

Apiaceae.

2.
18882.

Roadside at entrance to Dauphin Island.

Fabaceae

1
18883. Oenothera

Roadside near entrance to Dauphin Island.

Onagraceae

²
18884.

Along Bienville Blvd.

Oleaceae

²
18885.

Along Bienville Blvd at
Anadale St.

Asteraceae

¹
18886. Oenothera

Along Bienville Blvd.

Onagraceae

¹
18887. Polygala

Near Audubon entrance.

Polygalaceae

¹
18888.

Dauphin Island Sea Lab.

Lamiaceae

¹
18889. Lantana

Dauphin Island Sea Lab.

Verbenaceae

¹
18890. Physalis

Shell Mounds.

Solanaceae

¹
18891. Tradescantia

Shell Mounds.

Commelinaceae

¹
18892.

Shell Mounds.

Asteraceae

- 1
18893. Solanum
Shell Mounds Solanaceae
- 2
18894. Ranunculus
Wet depression at Shell Mounds. Ranunculaceae
- 1
18895. Anagalis
Edge of woods at Shell Mounds. Plantaginaceae (= Scrophulariaceae)
- 1
18896. Rosa
Shell Mounds. Rosaceae
- 1
18897. Oxalis
Along Bienville Blvd. Oxalidaceae
- 2
18897. Melilotus
At Shell Mounds. Fabaceae
- 2
18898. Verbena
Along roadside of Bienville Blvd. Verbenaceae
- 1
18899. Galium
Shell mounds. Rubiaceae
- 1
18900.
Shell Mounds Lamiaceae

¹ 18901. Spiranthes

Along Bienville Blvd. Orchidaceae

¹ 18902.

Wet ditch at entrance to Audubon Trail.

¹ 18903.

Ditch along Bienville Blvd.

Cyperaceae

May 19, 2005. AL: Mobile Co. Along Tiger Road
west of Bayou La Batre.

² 18904. Ilex

Edge of woods.

Agui foliaceae

³ 18905.

Savanna.

² 18906. Magnolia

Edge of woods.

Magnoliaceae

¹ 18907.

Edge of wet savanna.

18908. Cephalanthus
Edge of wet woods.

Rubiaceae

May 19, 2006. AL: Mobile County. Dauphin Island.

18909. Vitis
Audubon trail, in woods.

Vitaceae

18910. Cephalanthus occidentalis
Edge of wet ditch at entrance
to Audubon Trail.

Rubiaceae

18911. Vitis
Audubon Trail. Woods.

Vitaceae

18912. anthoxylum
Dauphin Island Sea Lab.

Rutaceae

18913.
In woods of Shell Mounds.

¹
18914. Typha

Wet ditch along Chenault Ave.

Typhaceae

²
18915.

Audubon Trail. Edge of Swamp.

²
18916. Ilex

Audubon Trail.

Aguifoliaceae

¹
18917.

Wet ditch at edge of wet
woods along Chenault Ave.

May 20, 2005. AL: Mobile County. Along Tiger Road
west of Bayou La Batre.

²
18918.

Edge of woods

}

²
18919

Savanna.

Orchidaceae

¹
18920.

Ephemeral pool in Savanna.

- 1
18921. Hypericum
Savanna. Clusiaceae
- 2
18922.
Edge of ephemeral pool in savanna.
- 1
18923.
Disturbed roadside. Asteraceae
- 1
18924.
Edge of woodland Swamp.
- 2
18925.
Edge of woods.
- 2
18926.
Edge of woods.
- 2
18927. Vicia
Along open roadside. Fabaceae
- 1
18928.
Along open roadside. Asteraceae
- 1
18929
Along roadside at edge of woods.

²
18930.

Savanna.

¹
18931.

Savanna ephemeral pool.

²
18932.

Along roadside.

Cyperaceae

²
18933.

Savanna.

Liliaceae

¹
18934.

Savanna.

Poaceae

¹
18935.

Savanna.

May 20, 2005. AL: mobile County. Daughin Island.

²
18936.

Edge of woods off Chenault.

- 1
18937. Airport Marsh. Asteraceae
- 1
18938. Airport Marsh. Cyperaceae
- 2
18939. Juncus Airport Marsh. Juncaceae
- 2
18940. Distichlis spicata Airport Marsh. Poaceae
- 1
18941. Carex Airport Marsh. Cyperaceae
- 1
18942. Carya Audubon Trail. Juglandaceae
- 1
18943. Phlox Audubon Trail. Polemoniaceae
- 1
18944. Audubon Trail. Asteraceae
- 2
18945. Edge of yard on Octavia St. Fabaceae

3

18946.

Edge of woods on Ft. Conde St.

2

18947.

On mud of intermittent pool of Shell Mounds.

1

18948. Allium

Shell Mounds.

Alliaceae

1

18949. Cenchrus

Shell Mounds.

Poaceae

1

18950.

Shell Mounds.

2

18951. Rhynchospora

Shell Mounds.

2

18952. Plantago

Along Barcelona Dr.

Plantaginaceae.

2

18953.

Along Barcelona Dr.

Apiaceae

1

18954.

Ditch along Chenault St.

- 1
18955. Coreopsis
Along Chenault Dr. Asteraceae
- 2
18956. Physalis
Along Barcelona Dr. Solanaceae
- 2
18957. Vitis
Audubon Trail. Vitaceae
- 2
18958.
Audubon Trail.
- 1
18959.
Audubon Trail. Agnifoliaceae
- 1
18960.
On dunes. Asteraceae
- 1
18961.
Audubon Trail. Ericaceae
- 1
18962. Allium
Audubon Trail. Alliaceae
- 1
18963.
Audubon Trail

1.

18964.

Along Bienville Blvd.

18965. Spiranthes

Along Apalache Ave.

Orchidaceae.

18966.

Along Bienville Blvd.

Asteraceae.

18967.

Entrance to Audubon Trail.

Apiaceae

18968. Hypericum

Open woods off Apalache Ave.

Clusiaceae

18969. Scutellaria

Along Bienville Blvd.

Lamiaceae

18970. Oenothera

Along Bienville Blvd.

Onagraceae

18971. Sisyrinchium

Along Bienville Blvd.

Iridaceae

2

18972.

Edge of road off Annadale St.

Fabaceae

1

18973.

Along Annadale St.

- ²
18974.
Magnolia Park. Agnifoliaceae
- ²
18975.
Woods at DISL Boat dock.
- ¹
18976. Rhus
Shell Mounds. Anacardiaceae
- ¹
18977. Smilax
Audubon Trail. Smilicaceae
- ²
18978. Quercus
Audubon Trail. Fagaceae
- ¹
18979.
Daughin Island Sea Lab.
- ¹
18980.
Along Chenault Ave. Fabaceae (= Mimosaceae)
- ¹
18981.
Along Chenault Ave. Fabaceae (= Caesalpinaceae)
- ²
18982.
Poaceae

2
18983.

Poaceae

3
18984. Verbena

Along Bienville Blvd.

Verbenaceae

2.
18985. Hypericum crux-andreae (L.) Gratz St. Peter's Wort
Edge of woods off Hernando Place. Clusiaceae

2
18986. Vaccinium myrsinites Lam. Shiny Blueberry
Along Hernando Place. Ericaceae

2
18987. Quercus nigra L. Water Oak
Along Bienville Blvd. Fagaceae

2
18988. Quercus.
Woods of Audubon Trail. Fagaceae

2.
18989. Smilax glauca Walt. Wild Sarsaparilla
Edge of woods of Audubon Trail. Smilacaceae

2.
18990. Quercus geminata Small Sand Live Oak
Woods of Audubon Trail. Fagaceae

3
18991. Licania michauxii Prance Gopher Apple
Along Audubon Trail. Chrysobalanaceae

- ²
18992. Vaccinium corymbosum L. Highbush Blueberry
Along Audubon Trail. Ericaceae.
- ¹
18993. Chrysoma pauciflosculosa (Michx.) Greene Bush or Woody Goldenrod
Edge between dunes and flatwoods. Asteraceae
- ³
18994. Crotalaria rotundifolia Walt. ex J. F. Gmel. Robbitbells
Edge of flatwoods along trail. Fabaceae
- ³
18995. Vitis rotundifolia Michx. Muscadine; Bullace
Along Audubon Trail. Vitaceae
- ³
18996. Quercus nigra L. Water Oak
Flatwoods of Audubon Bird Sanctuary. Fagaceae
- ²
18997. Campsis radicans (L.) Seem. ex Bureau Cow-Itch Vine
Trumpet Creeper
Parking area of Audubon Bird Sanctuary. Bignoniaceae
- ²
18998. Rhynchosia reniformis DC. Dollar Weed;
Dollarleaf
Edge of flatwood along Audubon Trail. Fabaceae
- ³
18999. Vitis aestivalis Michx. Summer Grape.
Along Audubon Trail. Vitaceae
- ²
19000. Phlox floridana Benth. Florida Phlox
Along Audubon Trail. Polemoniaceae

²
19001. Quercus laurifolia Michx. Diamond Leaf Oak,
Swamp Laurel Oak
Along Audubon Trail. Fagaceae

²
19002. Vaccinium stramineum L. Peerberry; Southern
Gooseberry; Buckberry;
Along Audubon Trail. ^{Southern} Gooseberry Ericaceae

²
19003. Erigeron strigosus Muhl. ex Willd. Prairie Fleabane;
White Tops
Along Audubon Trail. Asteraceae

³
19004. Ilex vomitoria Ait. Yaupon
Entrance to Magnolia Park. Aquifoliaceae

³
19005. Along Audubon Trail.

²
19006. Salicornia bigelovii Torr. Annual Glasswort
Dwarf Glasswort
Marsh at airport. Chenopodiaceae

¹
19007. Batis maritima L. Saltwort; Turtle Weed
Marsh at airport. Bataceae

May 21, 2005. AL: Mobile County. Southwest of
 highway 188 along Road. T57 R3W.S21,22,
 28,29,32.

- ²
 19008. Sarracenia purpurea L. Purple Pitcher Plant;
 Edge of savanna. Side Saddle Plant
 Sarraceniaceae.
- ¹
 19009. Eriocaulon decangulare L. Tenangle Pipewort
 Edge of savanna Eriocaulaceae
- ¹
 19010. Sparganium americanum Nutt. American Burreed
 Ditch with standing water. Sparganiaceae
- ²
 19011. Quercus virginiana Mill. Live Oak
 Along roadside. Fagaceae
- ⁴
 19012. Woods along roadside.
- ²
 19013. Roadside ditch.
- ²
 19014. Ampelopsis arborea (L.) Koehne Pepper Vine
 Growing over vegetation at edge of woods. Vitaceae

³
19015.

Woods along roadside.

¹
19016.

Sandy area at Point of Pins

Euphorbiaceae

May 21, 2005, AL: Mobile Co., Dauphin Island.

Audubon Sanctuary.

³
19017. Quercus hemisphaerica Bartr. ex Willd.
Flatwoods.Darlington Oak
Laurel Oak

Oleaceae

¹
19018. Quercus geminata Small
Back Dunes.Sand Live Oak
Fagaceae²
19019. Osmanthus americanus (L.) A. Gray
Back Dunes.Wild Olive
Devil Wood¹
19020. Quercus myrtifolia Willd.
Back Dunes.Myrtle Oak
Fagaceae³
19021. Quercus geminata Small
Back Dunes.Sand Live Oak
Fagaceae.

- 1
19022. Sabal minor (Jacq.) Pers. Dwarf or Bush Palmetto
Blue stem
Flatwoods.
- 3
19023. Pinus elliotii; Englem. var. elliotii Slash Pine
Flatwoods. Pinaceae
- 3
19024. Osmanthus americanus (L.) A. Gray Wild Olive
Devil Wood
Edge of flatwoods. Oleaceae
- 2
19025. Magnolia grandiflora L. Southern or Loblolly Magnolia
Bullbay
Flatwoods. Magnoliaceae
- 2
19026. Callicarpa americana L. Beautyberry; French Mulberry
Flatwoods. Verbenaceae
- 3
19027. Clethra alnifolia L. Sweet Pepperbush
Flatwoods. Clethraceae
- 3
19028. Quercus hemisphaerica Bartr. ex Willd. Laurel Oak;
Parkington Oak
Flatwoods. Fagaceae
- 1
19029. Flatwoods.
- 1
19030. Smilax bona-nox L. Catbrier; Greenbrier
Flatwoods. Smilacaceae

2

19031. Quercus nigra L.
Flatwoods.

Water Oak
Fagaceae

2

19032. Nyssa sylvatica var. biflora (Walt.) Sarg. Black Gum
Near swamp. Nyssaceae

1

19033. Quercus hemisphaerica Bartr. ex Willd. Fagaceae
Flatwoods. Darlington Oak; Laurel Oak

May 22, 2005. AL: mobile Co. Southwest of highway 188

2

19034.
Savanna.

2

19035
Savanna.

2

19036.
Savanna.

Cyperaceae

1

19037. Bromus
Along roadside.

Poaceae

2

19038.

Savanna ditch.

2

19039

Savanna ditch.

2

19040.

Edge of woods.

Cyperaceae

1

19041.

Roadside savanna.

1

19042.

Savanna.

2

19043. Eleocharis

Edge of wet depression in savanna.

2

19044. Brizia
Roadside.

Poaceae

2

19045.

Savanna.

May 23, 2005. AL: Mobile County. Dauphin Island.

- ³
19046. Juncus roemerianus Scheele Needle Rush; Black
Government Marsh Rush; Needlegrass Rush
Juncaceae
- ¹
19047. Magnolia grandiflora L. Bullbay; Southern or Loblolly Magnolia
Along bike trail between Sea Lab and Cadillac Park. Magnoliaceae
- ¹
19048. Quercus marilandica Muenchh. Blackjack Oak
Along bike trail between Sea Lab and Cadillac Park. Fagaceae
- ²
19049. Phyla nodiflora (L.) Greene Turkey Tangle Toefruit
Entrance to Audubon Bird Sanctuary. Cape Weed
Verbenaceae
19050. Salix nigra Marsh. Black Willow
Edge of lake in Audubon Bird Sanctuary. Salicaceae
- ²
19051. Ampelopsis arborea (L.) Koehne Pepper Vine
Entrance to Audubon Bird Sanctuary. Vitaceae

May 23, 2005. AL: Mobile Co., Southwest of highway 188 along Road. TTS, R3W S21, 22, 28, 29, 32.

²
19052. Taxodium ascendens Brongn. Pond Cypress
Edge of road / savanna. (Cupressaceae) = Taxodiaceae
"

¹
19052a. Taxodium distichum (L.) Rich. Taxodiaceae Bald Cypress

May 23, 2005. AL: Mobile Co. Dauphin Island.

¹
19053. Xanthium strumarium L. var. glabratum (DC.) Cronquist
Disturbed ground at sea lab. Rough Cocklebur. Asteraceae

May 23, 2005. AL: Mobile Co., Park at Alabama Port.

²
19054. Scirpus robustus Pursh Salt Marsh Bulrush
Marsh. Cyperaceae

²
19055. Schoenoplectus pungens (Vahl.) Palla
Marsh. Cyperaceae

Common threesquare
Chair-maker's Bulrush; Twine Bulrush

- ²
19056. Cladium jamaicense Gratz Jamaica Swamp
Marsh. Sawgrass
- ¹
19057. Quercus chapmani: Sarg. Chapman's Oak
Edge of marsh. Fagaceae
- ³
19058. Quercus nigra L. Water Oak
Edge of marsh. Fagaceae
- ¹
19059. Lygodium japonicum (Thunb.) Sw. Japanese Climbing Fern
At edge of marsh. Schizaeaceae
- May 24, 2005. AL: Mobile County. Dauphin Island.
- ²
19060. Sisyrinchium rosulatum E.P. Bicknell Annual
Open area along bike trail. Blue-eyed Grass
Iridaceae
- ²
19061 Lygodium japonicum (Thunb.) Sw. Japanese
Entrance to Audubon Bird Trail. Climbing Fern
Schizaeaceae
- ²
19062. Trifolium incarnatum L. Crimson Clover
Along Bienville Blvd. Fabaceae

- 1
19063. Oenothera speciosa Nutt. Pink Ladies
Roadside - highway 193 at south edge of bridge. Onagraceae
- 2
19064. Ampelopsis arborea (L.) Koehne Pepper Vine
Growing on fence at Doughin Island campground. Vitaceae
- 1
19065. Sisyrinchium atlanticum Bickn. Narrowleaf Blue-eyed Grass
Open area along bike trail. Iridaceae
- 1
19066. Erigeron annuus (L.) Pers. Eastern Daisy Fleabane
Roadside along Bienville Blvd. Asteraceae
- 3
19067. Fuirena scirpoidea Michx. Southern Umbrell Sedge
Roadside ditch along Buchanan St. Cyperaceae
- 2
19068. Liquidambar styraciflua L. Sweetgum
Entrance to Shell Mounds. Hamamelidaceae
- 2
19069. Hypericum myrtifolium Lam Myrtleleaf St. John's wort
Edge of open woods of Audubon Trail. Clusiaceae
- 2
19070. Panicum virgatum L. Switchgrass
Open area near Audubon Lake. Poaceae
- 3
19071. Quercus geminata Small Sand Live Oak
Along hike trail. Fagaceae

2.

19072. Vaccinium arboreum Marsh.Sparkleberry;
FarkleberryEdge of woods and dunes in Audubon Bird
Sanctuary.

Ericaceae

2

19073. Diospyros virginiana L.

Common Persimmon

On grounds of sea Lab.

Ebenaceae.

2

19074. Quercus laurifolia Michx.

Diamond Leaf Oak; Laurel Oak

Along Audubon Trail.

Fagaceae

1

19075. Smilax auriculata Walt.

Cat Brier

Along Audubon Trail.

Smilicaceae

1

19076.

Open area along Audubon Trail.

1

19077. Paronychia erecta (Chapm.) Shinn.

Squareflower

Dunes.

Caryophyllaceae

1

19078. Strophostyles helvola (L.) Ell.

Trailing Fuzzy Bean

Dunes.

Fabaceae

2

19079. Panicum

Dunes.

Poaceae

- 2
19080. Ceratiola ericoides Michx. Florida Rosemary; Sand Heath
Dunes. Empetraceae
- 2
19081. Bacopa monnieri (L.) Pennell Herb-of-Grace
Roadside ditch along Beauregard St. Scrophulariaceae
- 3
19082. Parthenocissus quinquefolia (L.) Planch. Virginia Creeper; Woodbine
Entrance to Audubon Trail. Vitaceae.
- 1
19083. Tillandsia usneoides (L.) L. Spanish Moss
On Live Oaks at Shell Mounds. Bromeliaceae
- 2
19084. Sabal minor (Jacq.) Pers. Dwarf Palmetto; Bluestem Palm
At Shell Mounds. Arecaceae
- 1
19085. Elymus virginicus L. Virginia Wild Rye
At Shell Mounds. Poaceae
- 2
19086. Sideroxylon lanuginosum Michx. Gum Bully
At Shell Mounds. Sapotaceae
- 1
19087. Brunnichia ovata (Walt.) Shinn. American Buckwheat Vine
At Shell Mounds. Polygonaceae
- 3
19088. Sideroxylon lanuginosum Michx. Gum Bully
At Shell Mounds. Sapotaceae

- 2
19089. Morus rubra L. Red Mulberry
At shell mounds. Moraceae
- 2
19090. Wet depression at Shell Mounds.
- 2
19091. At shell mounds. Poaceae
- 2
19092. Spartina
At shell mounds. Poaceae
- 2
19093. Andropogon
At shell mounds. Poaceae
- 1
19095. Spartina
Audubon Bird Sanctuary. Poaceae
- 1
19096. Polygala nana (Michx.) DC. Candyroot
Audubon Bird Sanctuary. Polygalaceae
- 1
19097. Pteridium aquilinum var. pseudocaudatum (Clute) A. Heller
Audubon Bird Sanctuary. Tailed Bracken Dennstaedtiaceae
- 1
19098. Sassafras albidum (Nutt.) Nees Sassafras
Grounds at Sea Lab. Lauraceae

- ¹
19099. Euphorbia curtissii Engelm. ex Chapm. Curtis' Spurge
Audubon Bird Sanctuary. Euphorbiaceae
- ²
19100. Quercus laurifolia Michx. Diamond-leaf Oak;
Audubon Bird Sanctuary. Laurel Oak
Fagaceae
- ²
19101. Nyssa sylvatica var. biflora (Walt.) Sarg. Swamp Tupelo
Audubon Bird Sanctuary. Nyssaceae
- ²
19102. Rubus argutus Link Sawtooth Blackberry
Audubon Bird Sanctuary. Rosaceae
- ²
19103. Toxicodendron radicans (L.) Kuntze Poison Ivy
Audubon Bird Sanctuary. Anacardiaceae
- ²
19104. Clethra alnifolia L. Sweet Pepperbush
Audubon Bird Sanctuary. Clethraceae
- ²
19105.
Audubon Bird Sanctuary.
- ³
19106. Vaccinium arboreum Marsh. Sparkleberry, Finkleberry
Audubon Bird Sanctuary. Ericaceae

May 28, 2005. KS: Barber County. Gypsum Hills prairie.

- ²
19107. Ceanothus herbaceus Raf. Inland Ceanothus
Prairie roadside. Rhamnaceae
- ¹
19108. Nemastylis geminiflora Nutt. Celestial City;
Sandy mixed-grass prairie. Iris
Iridaceae
- ¹
19109. Spermolepis inermis (Nutt. ex DC.) Matthias & Constance
Sandy roadside. Apiaceae
- ²
19110. Carex
- ²
19111. Castilleja purpurea var. citrina (Penn.) Shinnery
Gypsum Hills prairie. Lemon Paintbrush Scrophulariaceae
- ¹
19112. Gaura coccinea Pursh Scarlet Gaura
Gypsum Hills prairie. Onagraceae
- ²
19113. Hymenoxys scaposa (DC.) Parker Plains Hymenoxys
Gypsum Hills prairie. Asteraceae
- ³
19114. Leucelene ericoides (Torr.) Greene White Aster
Gypsum Hills prairie. Asteraceae

- 1
19115. Verbena bipinnatifida Nutt. Dakota Verbena
Gypsum Hills prairie. Verbenaceae
- 2
19116. Quincula lobata (Torr.) Raf. Purple Ground Cherry
Gypsum Hills prairie. Solanaceae
- 1
19117. Rorippa palustris subsp. hispida (Dasv.) Jonsell
Edge of wet area. Bog Yellow Cress Brassicaceae
- 2
19118. Nasturtium officinale R.Br. Common Watercress
Edge of wet area. Brassicaceae
- 2
19119. Erysimum asperum (Nutt.) DC. Plains Wallflower
Disturbed ground. Brassicaceae
- 2
19120. Psilostrophe villosa Rydb. Paper Flower
Mixed grass prairie. Asteraceae
- 1
19121. Sisymbrium altissimum L. Tumbling Mustard
Disturbed ground. Brassicaceae
- 1
19122. Rhus aromatica var. pilosissima (Engl.) Shinnery
Roadside ditch. Fragrant Sumac, Anacardiaceae
Polecat Bush, Aromatic Sumac
- 1
19123. Dalea enneandra Nutt. Big Top Dalea
Mixed grass prairie. Fabaceae

- 1
19124. Allium drummondii Regel Wild Onion
Open mixed-grass prairie. Alliaceae
- 1
19125. Astragalus Fabaceae
- 2
19126. Astragalus Fabaceae
- 2
19127.
- 1
19128. Sphaeralcea coccinea (Nutt.) Rydb. Scarlet
Mixed grass prairie. Globe mallow
Malvaceae
- 1
19129. Astragalus mollissimus Torr. Woolly Locoweed
Open mixed grass, sandy prairie. Fabaceae
- 1
19130. Lesquerella fendleri (A. Gray) S. Wats. 1
Sandy Mixed Grass prairie. Fendler's Bladderpod Brassicaceae
- 1
19131. Castilleja purpurea var. citrina (Pennell) Shinners
Mixed-grass prairie. Citron Paintbrush Scrophulariaceae
- 1
19132. Sophora nuttalliana B.L. Turner White Loco
Mixed grass prairie. Fabaceae

19133. Prunus angustifolia Marsh. Chickasaw Plum
Roadside ditch. Rosaceae
19134. Gaillardia suavis (A. Gray & Engelm.) Britton & Rusby
Roadside mixed-grass prairie. Rayless Blanket-Flower Asteraceae
19135. Penstemon albidus Nutt. White Beardtongue
Sandy roadside prairie. Scrophulariaceae
19136. Packera plattensis (Nutt.) W.A. Weber & A. Löve
Mixed grass prairie. Prairie Ragwort Asteraceae
19137. Artemisia filifolia Torr. Sand Sagewort
~~Rock~~ Mixed-grass prairie of gyp hills. Asteraceae
19138. Hymenopappus scabiosaeus var. corymbosus (Torr. & A. Gray)
Rocky open mixed grass prairie. Old-Plainsman B.L. Turner Asteraceae
19139. Astragalus mollissimus Torr. Woolly Locoweed
Open mixed grass prairie of gypsum hills. Fabaceae
- 19139a. Lithospermum incisum Lehm. Fringed Puccoon
Open mixed grass prairie. Plains Cornwell Boraginaceae

June 6, 2005. KS: Crawford County. O'Malley Prairie.

- ¹ 19140. Physostegia angustifolia Fern. False Dragonhead
Lamiaceae
- ² 19141. Psoraleidum tenuiflorum var. floribunda (Nutt.) Rydb.
Wild Alfalfa, Scurfy Pea Fabaceae
- ² 19142. Rudbeckia hirta L. Blackeyed Susan
Asteraceae
- ¹ 19143. Achillea millefolium L. Yarrow
Asteraceae
- ² 19144. Dianthus armeria L. Deptford Pink
Caryophyllaceae
- ² 19145. Erigeron strigosus Muhl. ex Willd. Daisy Fleabane
Asteraceae
- ¹ 19146. Penstemon tubiflorus Nutt. White Wand Beardtongue
(Plantaginaceae) = Scrophulariaceae
- ² 19147. Penstemon digitalis Nutt. ex Sims (= Plantaginaceae)
Smooth Beardtongue Scrophulariaceae

19148. Erigeron annuus (L.) Pers. Annual Fleabane
Asteraceae
19149. Tripsacum dactyloides (L.) L. Eastern Gamma Grass
Poaceae
19150. Ptilimnium capillaceum (Michx.) Raf. Mock Bishop's weed
Apiaceae
19151. Asclepias tuberosa subsp. interior Woods. Butterfly Milkweed
Apocynaceae
19152. Orbexilum pedunculatum (P. Mill.) Rydb. Samson's Snakeroot
Fabaceae
19153. Castilleja coccinea (L.) Spreng. Indian Paint Brush
(= Plantaginaceae) = Scrophulariaceae
19154. Tradescantia ohimensis Raf. Ohio Spiderwort
Commelinaceae
19155. Echinacea pallida (Nutt.) Nutt. Pale Purple Coneflower
Asteraceae
19156. Arnoglossum plantagineum Raf. Indian Plantain
Asteraceae

2

19157. Verbena simplex Lehm.

Narrow-leaved Vervain

Verbenaceae

1

19158. Zizia aurea (L.) Koch

Golden Alexanders

Apiaceae

2

19159. Orbexilum pedunculatum (P. Mill.) Rydb.

Simpson's Snakeroot.

Fabaceae

1

19160. Callirhoe alcaeoides (Michx.) A. Gray

Pink Poppy Mallow

Malvaceae

2

19161. Mimosa nuttallii (DC.) B.L. Turner

Nuttall's Sensitive Briar

Fabaceae

(= Mimosaceae)

1

19162. Asclepias viridis Walt.

Spider Milkweed

Apocynaceae

March 20, 2006. Arkansas
Devil's Den State Park

1

19163. Carex

Cyperaceae

¹
19164.

¹
19165.

March 30, 2006. KS: Cherokee Co., Schermerhorn Park.

²
19166. Cercis canadensis
woods.

Fabaceae (Caesalpinaceae)

¹
19167. Ranunculus
Open woods in valley.

Ranunculaceae

¹
19168. Claytonia virginica
Open woods in valley.

Portulacaceae

²
19169. Carex

Cyperaceae

¹
19170. Staph
Base of south-facing bluff

Staphl

¹
19171. Sassafras
Edge of woods near prairie.

Lauraceae

19172.

Oak/Hickory rocky woods.

Ranunculaceae

19173. Pedicularis canadensis

Rocky Oak/Hickory woods.

Scrophulariaceae

19174. Prunus

Base of south-facing bluff.

Rosaceae

19175.

Edge of trail at top of bluff.

Rosaceae

April 18, 2006. KS: Montgomery County. State Fishing
Lake South of Independence.

19176. Sis

On thin soil over sandstone.

Brassicaceae

19177.

Asteraceae

19178. Ulmus

Edge of woods along roadside.

Ulmaceae

19179.

Sandstone crevice.

²
19180. Antennaria

Rocky oak/hickory woods.

Asteraceae

¹
19181. Lithospermum incisum

Sandy soil along roadside.

Boraginaceae

¹
19182. Packera

Thin soil over sandstone.

Asteraceae

¹
19183. Staphylea

Edge of woods near lake.

Staph

¹
19184.

Soil over sandstone.

Poaceae

²
19185. Phlox

Polemoniaceae

¹
19186.

Disturbed roadside ditch.

Brassicaceae

¹
19187.

Roadside.

Boraginaceae

April 19, 2006. KS: Crawford County.

¹ 19188. Acer negundo

³ 19189. Ribes odorata

Grossulariaceae

April 21, 2006. KS: Cherokee County. Schermerhorn Park.

¹ 19190. Aesculus

Oak/Hickory rocky woods.

Hippocastanaceae

¹ 19191.

Disturbed areas.

Apiaceae

² 19192. Vitis

Base of south-facing bluff.

Vitaceae

² 19193. Asclepias quadrifolia
Rocky oak/hickory woods.

Apocynaceae

2

19194.

In woods along stream.

1

19195. Delphinium tricorne

In woods along stream.

Ranunculaceae

2

19196.

In woods along stream.

Apiaceae

1

19197. Physalis

Base of south-facing bluff.

Solanaceae

2

19198.

Disturbed ground.

Brassicaceae

1

19199. Quercus

Oak/Hickory woods.

Fagaceae

1

19200.

Oak/Hickory woods.

Fabaceae

1

19201. Baptisia

Open glade-like area of bluff.

Fabaceae

1

19202. Tradescantia

Base of south-facing bluff.

Commelinaceae

¹
19203.

Woods along intermittent stream.

Ranunculaceae

²
19204.

Rocky oak / Hickory woods.

Tridaceae

²
19205. Platanus

Along Shoal Creek.

Platanaceae

¹
19206. Quercus

Oak / Hickory rocky woods.

Fagaceae

¹
19207.

Rocky outcrop in woods.

¹
19208.

Rocky outcrop in woods.

¹
19209. Ranunculus

Rocky oak / hickory woods.

Ranunculaceae

²
19210. Carex

Rocky oak / hickory woods.

Cyperaceae

²
19211. Prunus

Base of south-facing bluff.

Rosaceae

19212.

Disturbed ground.

Scrophulariaceae.

19213. Galium

Disturbed ground.

Rubiaceae

19214. Galium

Disturbed ground.

Rubiaceae

19215. Podophyllum peltatum

East-facing slope above intermittent stream.

Berberidaceae

19216. Erigeron

Base of west-facing bluff.

Asteraceae

19217. Cornus florida

Scattered throughout oak/hickory woods.

Cornaceae

19218. Vicia

Disturbed ground.

Fabaceae

19219. Galium

Disturbed ground.

Rubiaceae

19220.

Disturbed ground.

2

19221.

Disturbed ground.

Boraginaceae

1

19222. Oxalis

Disturbed ground.

Oxalidaceae

Apr. 122, 2006. KS: Cherokee County. Spring River
Wildlife Area.

1

19223. Carex

On thin soil over sandstone.

Cyperaceae

1

19224. Quercus

Oak/Hickory woods.

Fagaceae

1

19225. Quercus

Oak/Hickory woods.

Fagaceae

1

19226. Crataegus

Along intermittent stream in open.

Rosaceae

1

19227. Carex

Thin soil over sandstone in woods.

Cyperaceae.

- ²
19228. Prunus
In oak/Hickory woods. Rosaceae
- ²
19229. Monarda
Oak/Hickory woods. Lamiaceae
- ²
19230.
Disturbed ground. Boraginaceae
- ²
19231. Viburnum
Oak/Hickory woods. Caprifoliaceae
- ²
19232. Celtis
Oak/Hickory woods near intermittent stream. Celti.
- ¹
19233. Acer negundo
Floodplain.
- ²
19234. Prunus
Oak/Hickory woods. Rosaceae
- ²
19235. Vitis
In woods. Vitaceae
- ²
19236.
Near Shoal Creek. Caryophyllaceae

- ²
19237. Bromus
Picnic area. Poaceae
- ²
19238.
Picnic area. Poaceae
- ²
19239. Viburnum
Base of south-facing slope. Caprifoliaceae
- ¹
19240.
Oak/Hickory woods. Rosaceae
- ²
19241. Antennaria
Oak/Hickory rocky woods. Asteraceae
- ¹
19242. Carex
Rocky oak/hickory woods. Cyperaceae
- ²
19243. Amelanchier arborea
Scattered in oak/hickory woods. Rosaceae
- ¹
19244. Claytonia virginica
Picnic area.
- ¹
19245. Ulmus
Picnic area. Ulmaceae

19246.

Oak / hickory woods near ^{intermittent} stream.

Brassicaceae

19247.

Picnic area.

Rubiaceae

19248. Cardamine

Base of west-facing slope.

Brassicaceae

19249. Erythronium

Base of west-facing slope.

Liliaceae

19250. Viola

Base of south-facing bluff.

Violaceae

19251.

Base of south-facing bluff.

Ranunculaceae

19252.

Picnic area.

Ranunculaceae

19253.

Rocky oak / hickory woods.

19254. Fraxinus

Edge of woods near prairie.

Oleaceae

- 1
19255.
Oak/Hickory woods. Juglandaceae
- 2
19256.
Floodplain near picnic area.
- 1
19257.
- 2
19258. Ranunculus
Oak/Hickory rocky woods. Ranunculaceae
- 1
19259. Quercus
Oak/Hickory woods. Fagaceae
- 1
19260. _____ missouriensis
Oak/Hickory woods. Grossul.
- 2
19261.
Oak/Hickory woods Rosaceae

April 22, 2006. MO: Newton Co. Wildcat Glade.

with Marie Taylor

¹
19262. Platanus occidentalis
Along trail of Shoal Creek.

Platanaceae

²
19263. Hypoxis
On chert glade.

Hypoxidaceae

¹
19264. Arenaria
On thin soil over chert.

Caryophyllaceae

¹
19265. Carex
Oak/Hickory woods.

Cyperaceae

¹
19266. Rumex
Chert glade.

Polygonaceae

²
19267. Camassia
Chert glade.

Liliaceae

¹
19268. Fraxinus
Trail along Shoal Creek.

Oleaceae

¹
19269.
Floodplain.

²
19270. Celtis
Floodplain.

Celti

¹
19271. Podophyllum peltatum
Open area near trail entrance.

Berberidaceae

²
19272.
Oak/Hickory Woods.

Rhamnaceae

¹
19273. Galium
Oak/Hickory Woods.

Rubiaceae

April 22, 2006. Missouri: Newton County. Wildcat Glade.

²
19274. Val
On chert.

²
19275. Collinsia
Thin soil over chert.

Scrophulariaceae

¹
19276.

Brassicaceae

²
19277.

Cyperaceae

¹
19278. Lonicera sempervirens
In oak/Hickory Woods.

Caprifoliaceae

- 2
19279. Nuttallanthus
On soil over chert. Scrophulariaceae
- 1
19280.
Edge of oak/hickory woods along roadside. Santalaceae
- 1
19281.
Edge of woods along bluff. Brassicaceae
- 1
19282.
On thin soil over chert. Brassicaceae
- 1
19283.
On thin soil over chert.
- 2
19284.
Disturbed ground near road.
- 2
19285.
Edge of oak/hickory woods. Brassicaceae
- 2
19286. Quercus
Along bluff trail. Fagaceae
- 1
19287. Quercus
Along bluff trail. Fagaceae

³
19288. Quercus alba
Along bluff trail.

Fagaceae

²
19289. Carya
Along bluff trail.

Juglandaceae

²
19290. Amelanch
Along bluff trail.

Rosaceae

³
19291. Celtis
Along bluff trail.

Celtidaceae

³
19292. Quercus
Along bluff trail.

Fagaceae

¹
19293. Quercus
Along bluff trail.

Fagaceae

¹
19294.
Edge of road.

¹
19295. Vaccinium
Oak/Hickory rocky woods.

Ericaceae

¹
19296.
On soil over chert.

Brassicaceae

²
19297. Fraxinus
Along bluff trail.

Oleaceae

¹
19298. Quercus
Along bluff trail.

Fagaceae

²
19299. Sassafras
Along bluff trail.

Lauraceae

¹
19300. Cornus florida
Edge of oak/hickory wood along road.

Cornaceae

²
19301. Prunus
Oak/Hickory woods.

Rosaceae

¹
19302. Vitis
Oak/Hickory woods.

Vitaceae

¹
19303. Ulmus
Woods near Shoal Creek.

Ulmaceae

²
19304.

¹
19305.
Woods along Shoal Creek.

Rosaceae

²
19306. Asimina

¹
19307. Smilax

In oak/hickory woods.

Smilicaceae

¹
19308. Vitis

In woods along Shoal Creek.

Vitaceae.

¹
19309.

On soil over chert.

Asteraceae

¹
19310. Staphylea

In woods along Shoal Creek.

Staphyleaceae.

¹
19311.

In woods near Shoal Creek.

¹
19312.

Menispermaceae

³
19313. Viburnum

In woods near Shoal Creek.

Caprifoliaceae

²
19314. Carya

Along bluff trail.

Juglandaceae

²
19315. Acer negundo

In woods along Shoal Creek.

Aceraceae

- ²
19316. Morus
Disturbed ground in park. Moraceae
- ¹
19317. Geranium maculatum
Low woods along Shoal Creek. Geraniaceae
- ²
19318. Amsonia
Low woods along Shoal Creek. Apocynaceae
- ¹
19319.
Low woods along Shoal Creek. Apiaceae
- ¹
19320.
Oak/Hickory, rocky woods of glade. Rhamnaceae
- ²
19321.
Thin soil over chert. Boraginaceae
- ²
19322. Vaccinium
Rocky Oak/Hickory woods. Ericaceae
- ¹
19323.
Edge of woods on chert. Brassicaceae
- ¹
19324. Pedicularis canadensis
On soil over chert. Scrophulariaceae

- ²
19325. Viburnum
On soil over chert of glade. Caprifoliaceae
- ³
19326. Ranunculus
Low woods along Shoal Creek. Ranunculaceae
- ¹
19327.
Disturbed ground.
- ¹
19328.
Disturbed ground. Caryophyllaceae
- ²
19329. Plantago
Disturbed ground. Plantaginaceae
- ¹
19330. Phlox
Rocky oak/hickory woods. Polemoniaceae
- ¹
19331. _____
Rocky oak/hickory woods. Alliaceae
- ¹
19332. Viola
Disturbed ground. Violaceae
- ¹
19333.
Cyperaceae

¹
19334. Erythronium.

Low open area near Shoal Creek.

Liliaceae

¹
19335. Ranunculus

Disturbed ground.

Ranunculaceae

April 25, 2006. KS: Crawford County.

³
19336. Robinia pseudo-acacia

Along Street.

Fabaceae

²
19337. Robinia

Edge of street.

Fabaceae

April 26, 2006. MO: Jasper County. Missouri Department
Conservation area.

²
19338.

Apiaceae

²
19339.

Edge of woods along road.

Apiaceae

19340.

Woods.

Apiaceae

19341. Polemonium reptans

Edge of woods.

Polemoniaceae

19342. Phlox

In woods.

Polemoniaceae

19343. Galium

Edge of parking lot.

Rubiaceae

19344. Fraxinus

Edge of woods at base of slope.

Oleaceae

19345. Celtis

Edge of woods at base of slope.

Celtidaceae

19346. Viburnum

In woods, north slope.

Caprifoliaceae

19347. Quercus

Edge of woods at base of north slope.

Fagaceae

19348.

Woods of north-facing slope.

2

19349.

Base of north-facing slope.

19350.

Base of north-facing slope.

19351.

Base of north-facing slope.

Araceae

19352. Smilax

Base of north-facing slope.

Smilicaceae

April 30, 2006. MO: Cass County.

19353. Morus

edge of flood-plain woods.

Moraceae

19354. Vitis

Disturbed roadside.

Vitaceae

2

19355. Vitis

In woods along intermittent stream.

Vitaceae

19356. Ulmus

Roadside, edge of woods.

Ulmaceae

- ²
19357 Quercus
In floodplain woods. Fagaceae
- ²
19358. Asimina triloba
Along intermittent stream in floodplain woods. Anonaceae
- ¹
19359. Ribes missouriensis
In floodplain woods. Grossulariaceae
- ¹
19360.
In floodplain woods.
19361. Quercus
In floodplain woods. Fagaceae
- ²
19362. Delphinium
In floodplain woods. Ranunculaceae
- ¹
19363. Celtis
In floodplain woods. Celtidaceae
19364.
In floodplain woods. Hippocastanaceae
19365.
In floodplain woods.

- ²
19366. Carya
In Floodplain woods. Juglandaceae
- ²
19367. Carya
In floodplain woods. Juglandaceae
- ¹
19368. Viburnum
Floodplain woods. Caprifoliaceae
- ²
19369.
In roadside ditch at edge of floodplain woods.
- ¹
19370.
Floodplain woods. Brassicaceae
- ¹
19371. Phlox
Floodplain woods. Polemoniaceae
- ¹
19372. Mertensia virginica
Floodplain woods. Boraginaceae
- ¹
19373. Erigeron
Roadside. Asteraceae
- ¹
19374.
Floodplain woods.

- ³
19375. Staphylea
Floodplain woods.
- ²
19376. Glandularia canadensis
Roadside ditch. Verbenaceae
- ²
19377.
Edge of woods along roadside. Brassicaceae
- ¹
19378.
Roadside ditch. Brassicaceae
- ¹
19379. Viola
Edge of woods in grass. Violaceae
- April 30, 2006. MO: Cass County. Former Timme "farm."
- ²
19380. Prunus
Rosaceae
- ¹
19381. Viburnum
Caprifoliaceae
- ¹
19382.
Open disturbed ground. Apiaceae

¹ 19383. Ulmus

Disturbed ground at former house.

Ulmaceae

¹ 19384.

Disturbed grou. -- near foundation of old house.

² 19385. Quercus

Fagaceae

¹ 19386. Lonicera

Disturbed ground.

Caprifoliaceae

¹ 19387. Ulmus

Disturbed ground.

Ulmaceae

May 4, 2006. KS: Crawford County. Farlington State Park.

¹ 19388. Chaerophyllum tainturieri Hook.

In rocky woods.

Chervil

Apiaceae

² 19389. Valerianella radiata (L.) DuRoi.

Disturbed ground along roadside.

Green Salad

Valerianellaceae

² 19389a. Vicia sativa L. Common Vetch

Fabaceae

19390. Geranium carolinianum L. Carolina Crane's Bill

Disturbed ground along roadside.

Geraniaceae

- 1
19391. Trifolium campestre Schreb. Hop Trefoil
Disturbed ground along roadside. Large Hop Clover
Low Hop Clover
Fabaceae
- 1
19392. Crataegus crus-galli L. Cockspear Thorn
On glade. Rosaceae
- 2
19393. Juglans nigra L. Black Walnut
On glade. Juglandaceae
- 1
19394. Amorpha fruticosa L. False Indigo
At edge of low water bridge. Fabaceae
- 21
19395. Ceanothus herbaceus Raf. Jersey Tea, Redroot
On glade. Rhamnaceae
- 1
19396.
On glade.
- 1
19397. Lepidium perfoliatum L. Clasping Leaf
In rocky woods along trail. Pepper-grass
Brassicaceae
- 1
19398 Sideroxylon lanuginosum Michx. ssp. oblongifolium (Nutt.)
On glade. Woolly Buckthorn T.D. Pennington
- 2
19399. Quercus muehlenbergii Engelm. Chinkapin Oak
Edge of glade and woods. Fagaceae

1
19400. Castilleja coccinea (L.) Spreng.
On glade. Indian Paintbrush

Scrophulariaceae

1
19401. Scutellaria parvula Michx.
On glade.

Small Skullcap
Lamiaceae

1
19402. Callirhoe alcaeoides (Michx.) A. Gray
On glade

Pink Popp, Mallow
Malvaceae

1
19403. Rhus aromatica Ait.
On glade.

Fragrant Sumac
Anacardiaceae

2
19404.

In woods.

Cyperaceae

May 5, 2006. MO: Barry County, Missouri. Department of Conservation
area east of Roaring River State Park off hiway

1
19405. Tragopogon dubius Scop.
Roadside.

Goat's Beard
Asteraceae

1
19406.

Roadside.

Poaceae

2
19407. Bromus
Roadside.

Poaceae

1
19408.

Roadside.

Poaceae

1
19409.

Roadside.

Poaceae

2
19410.

Roadside.

Poaceae

2

19411. Coreopsis grandiflora Hogg ex Sweet
RoadsideBigflower
Coreopsis
Asteraceae1
19412. Delphinium carolinianum ssp. virescens (Nutt.) Brooks

Roadside.

Carolina Larkspur

Ranunculaceae

19413. Ginkgo biloba

Roadside Rest Stop at Shaw Road and

May 5, 2006. mo:

Roaring River

w/ Beth Dollman.

1
19414. Bromus

Open ground.

Poaceae

¹
19415. Dicanthelium
Open ground.

Poaceae

²
19416. Coreopsis lanceolata L.
Open ground.

Asteraceae

²
19417.
Open ground.

Rubiaceae

¹
19418. Penstemon pallidus Small
Open ground.

Pale Penstemon
Scrophulariaceae

¹
19419. Arabis canadensis L. Sicklepod; Canadian Rockcress
Open ground.

Brassicaceae

¹
19420. Comandra umbellata (L.) Nutt.
Open ground.

May 5, 2006. MO: Barry County, Roaring River State Park.

¹
19421. Silene virginica
Wooded slopes.

Fire Pink
Caryophyllaceae

¹
19422. Aesculus glabra Willd.
Along River Trail.

Ohio Buckeye
Hippocastanaceae

3. 19423. Fraxinus quadrangulata Michx. Blue Ash
Along River Trail. Oleaceae
1. 19424. Hydrophyllum appendiculatum Michx. Notchbrest Water-leaf
Along River Trail. Hydrophyllaceae
4. 19425. Ptelea trifoliata L. subsp. trifoliata Hop Tree
Along River Trail. Rutaceae
2. 19426. Morus alba L. White Mulberry
Along River Trail.
3. 19427. Thaspium barbinode (Michx.) Nutt. Meadow Parsnip
Along River Trail. Apiaceae
1. 19428. Along River Trail. Asteraceae
1. 19429. Tradescantia ozarkana Anderson & Woodson Ozark spiderwort
Along River Trail. Commelinaceae
1. 19450. Anemone virginiana L. Tall Anemone
Along River Trail. Ranunculaceae
2. 19451. Aquilegia canadensis L. Wild Columbine
On rock crevices along River Trail. Ranunculaceae

- ¹
19452. Delphinium tricornes Michx. Dwarf Larkspur
Along River Trail. Ranunculaceae
- ²
19453. Viola striata Aiton Pale Violet
Along River Trail. Violaceae
- ²
19454. Euonymus alatus (Thunb.) Sieb. Burning Bush
Along River Trail. (escape) Celastraceae
- ¹
19455. Euphorbia commutata Engelm.
Along River Trail. Euphorbiaceae
- ³
19456. Sanicula gregaria Bickn. Black Snakeroot
Along River Trail. Apiaceae
- ²
19457. Laportea canadensis (L.) Wedd. Wood Nettle
Along River Trail.
- ¹
19458. Carex davisii Schwein. & Torr. Davis' Sedge
Along River Trail. Cyperaceae

May 6, 2006. KS:
Montgomery Co. State Fishing Lake.

- ¹
19459. Bromus
On soil of outcrops. Poaceae

19460.
On soil of outcrops. Cyperaceae
19461.
On soil over outcrops. Brassicaceae
19462. Camelina microcarpa Andr. ex DC. Little Pod False Flax
On soil over outcrops. Cyperaceae
19463. Oxalis dillenii Jacq. Gray-green Wood Sorrel
On soil over outcrops. Oxalidaceae
19464. Chaerophyllum tainturieri Hook. Chervil.
On soil over outcrops. Apiaceae.
19465. Lepidium densiflorum Schrad. Prairie Pepper Grass
On soil over outcrop. Brassicaceae
19466. Cerastium brachypetalum Pers. Gray Moose's-ear Chickweed
On soil over outcrop. Caryophyllaceae
19467. Chaetopappa asteroides (Nutt.) DC.
On soil over outcrop. Caryophyllaceae
19468. Phacelia hirsuta Nutt.
On soil at edge of woods. Hydrophyllaceae

19469. Corydalis crystallina Engelm. Mealy Corydalis
On moist soil at edge of woods. Fumariaceae
19470. Hymenopappus scabiosaeus var. corymbosus (T. & G.) B. L. Turner
On soil along roadside in lake area. Asteraceae
19471. Zigadenus nuttallii A. Gray Death Camass
On soil along roadside in lake area. Liliaceae
19472. Callirhoe alcaeoides (Michx.) A. Gray Pink Poppy Mallow
Prairie area near outcrops. Malvaceae
19473. Baptisia australis var. minor (Lehm) S. Wats.
Prairie area near outcrops. Fabaceae
19474. Brassica rapa L. Field Mustard, Turnip
Along roadside in lake area. Brassicaceae
19475. Verbena simplex Lehm. Narrow-leaved Vervain
Along roadside in lake area. Verbenaceae
19476. Coreopsis grandiflora Hogg ex Sweet Bigflower
On soil over outcrops. Coreopsis
Asteraceae
19477. Rorippa sylvestris (L.) Bess. Creeping Yellow Cress
On soil of disturbed ground. Brassicaceae

19478. Trifolium campestre Schreb. Low Hop-Clover
On soil of disturbed ground. Fabaceae
19479. Allium canadense var. lavendulare (Bates) M. Ownbey
On soil over outcrops. Liliaceae
19480. Maclura pomifera (Raf.) Schneid. Osage Orange
Along roadside at edge of woods. Moraceae
19481. Rosa multiflora Thunb. Multiflora Rose
Disturbed ground along roadside. Rosaceae
19482. Erigeron strigosus Muhl. ex Willd. Daisy Fleabane
Along roadside. Asteraceae
19483. Polytaenia nuttallii DC. Prairie Parsley
Along roadside. Brassicaceae
19484. Tradescantia ohimensis Raf. Ohio Spiderwort
Soil over outcrops. Commelinaceae
19485. Oenothera triloba Nutt. Stemless Evening Primrose
Soil over outcrops. Onagraceae
19486.
On soil near lake.

³
19487.

Wet area between outcrops and woods.

Cyperaceae

³
19488.

Margin of lake.

¹
19489. Valerianella radiata (L.) Dufr.

On soil over outcrops.

Corn Salad

Valerianaceae

²
19490. Polytaenia nuttallii DC

Prairie-like area over outcrops.

Prairie Parsley

Apiaceae

¹
19491.

Disturbed areas.

Poaceae

²
19492.

Disturbed areas.

Poaceae

¹
19493. Bromus

Disturbed grassy areas.

Poaceae

³
19494.

Grassy areas near lake margin.

Poaceae

²
19495. Prunus serotina Ehrh.

Woods around outcrops.

Rosaceae

May 6, 2006. KS: Crawford County - Strip pit just west of Monahan area.

¹ 19496. Mirabilis nyctaginea (Michx.) MacM.

Edge of strip pit.

Nyctaginaceae

² 19497. Eleocharis

Edge of strip pit.

¹ 19498.

Edge of strip pit.

Poaceae

² 19499.

Edge of strip pit.

Cyperaceae

¹ 19500. Dichanthelium

Open grassy area near strip pit.

Poaceae

¹ 19501.

Near strip pit.

Poaceae

³ 19502.

Near strip pit.

May 6, 2006. KS: Crawford Co., Pittsburg. Drainage area
just east of Pan Club.

²
19503. Wisteria sinensis (Sims) Sweet
Climbing over vegetation.

Fabaceae

May 12, 2006. Missouri: Cass County.

²
19504.
Near stream.

Cyperaceae

¹
19505. Delphinium
Near stream.

Ranunculaceae

¹
19506.
In bottomland woods.

²
19507.
In bottomland woods.

19508.
In bottomland woods.

May 13, 2006: MO: Jasper Co., Carl Junction Conservation Area near Lighening Creek.

2

19509.

Disturbed ground at base of north-facing slope.

May 13, 2006: MO: Newton County. Wildcat Glade.

1

19510.

Edge of woods.

Asteraceae

19511. Marshallia
on chert glade.

Asteraceae

1

19512. Ptelea
Along floodplain trail.

2

19513.

Along floodplain trail.

Liliaceae

1

19514. Phacelia
woods of floodplain.

Hydrophyllaceae

3

19515. Vitis

Growing over vegetation in floodplain forest.

Vitaceae

2

19516

Floodplain forest.

Brassicaceae

1

19517. Achillea

Open disturbed ground.

Asteraceae

1

19518.

In intermittent stream.

Brassicaceae

2.

19519

Edge of low woods.

Iridaceae

1

19520. Penstemon

Prairie-like area of chert glade.

Scrophulariaceae

1

19521. Carya

Rocky wooded slope along bluff.

Juglandaceae

May, 18, 2006. KS:

Ca. 6.5 Km west of Yates Center along hwy 54.

2

19522. Erigeron

Asteraceae

²
19523. Penstemon cobaea

Scrophulariaceae